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No. Eight



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Official Journal of the ARCHITECTS' SOCIETY OF OHIO

Association Member of the American Institute of Architects RALPH C. KEMPTON, Editor

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New State Building Code Proposed

The regulations on the statute books of the State of Ohio, that go to make up what is referred to as the State Building Code, were first initiated in 1911 and 1913. Since that time many of the various sections have been modified, revised, deleted and otherwise changed, resulting in many detached parts difficult to find, interpret, correlate and, in many instances, failing to clearly set up the necessary authority for administration and enforcement.

Not only has the State of Ohio increased in population from 4,767,121 to 6,907,612 during the almost thirty years that has elapsed since many of the sections were first enacted, but its living conditions have been intensified by this increase, causing more and more concentration of the population in the larger centers. These conditions, together with the advances made in building materials and devices, have brought about a very serious need for changes in our regulatory machinery, to make it possible to meet these new things and conditions and to provide the flexibility so essential to keep the regulations adaptable not only now, but in the future.

The larger municipalities and a few of the smaller towns have building codes of their own, the authority therefor eminating from the provisions of the State Code. No local code may have standards lower than those set by the State law, but may set higher standards if so desired. Many large communities

have no code, but depend upon the machinery of the State code to take care of their local problems. All this makes possible a lot of confusion and variations of interpretations and enforcement, often causing great annoyance and added expense to every one engaged in this industry.

The need for a new code has been discussed for a long time, and it is felt that now, for reasons hereinafter stated, is an excellent time to get this job done. There can be no doubt in any one's mind but

what such a change is needed.

Every municipality and political subdivision in the State will have some sort of a building program in the early post-war years. The same is true for the State, and the savings possible on two or three sizable projects alone would more than pay the entire cost of the preparation of a new code.

The technical talent that will be available for a job of this kind will be more abundant, have higher capabilities and be far more willing to serve than when they are extremely busy with their own affairs as they undoubtedly will be in this post-war period.

Many groups throughout the State directly affected by the present code are very much interested in trying to get this job done now. Resolutions approving the idea and recommending immediate and favorable consideration have been adopted by professional groups of architects, engineers, trade and labor groups, and have been forwarded to the Governor for his consideration. Any group or individual who is interested should address a communication to the Governor adding their views as to why a new code is needed. It would also be quite proper and very desirable for each architect to discuss same with his own State legislators as soon as possible.

The procedure being proposed to work out this suggested new code is to have the Legislature establish a commission of qualified individuals, to be appointed by the Governor, to go into the entire situation during the next biennium and to have a report ready with suggestions of the legislation necessary to bring about the changes sought not later than December, 1944, for the meeting of the General Assem-

This obviously is not directly a war measure, but it most certainly is a premeditated and timely step to help provide ways and means for guiding and regulating the tremendous building program that must inevitably be a part of the early post-war period. To provide legitimate and productive employment for the millions of soldiers, carpenters, painters, masons, structural steel workers, plumbers, electricians, plasterers, steam fitters, machinests, architects, engineers who will be coming home when the fighting is over is not only a patriotic duty, who will be coming home when the fighting is over, but an economic necessity. There is no single effort toward this goal that has such immediate and long range potentialities as a new building code for the State of Ohio.

The Board of Trustees of the Ohio Society of Professional Engineers have approved this idea as being proper and timely and will join with the Architects Society of Ohio in the effort to have the neces-

sary legislation adopted.

bly in January, 1945.

A BILL - S.B. No. 14

To provide for the appointment of a Building Code Commission which shall study the various sections of the General Code applying to or affecting the construction of buildings within the State, and to submit to the Governor and the General Assembly a report recommending the necessary changes required therein and a draft of the proposed legislation necessary to carry into effect such changes.

Be it enacted by the General Assembly of the State of Ohio:

- Section 1. (1) There is hereby created a building code commission consisting of seven members having following qualifications: Two registered architects and two registered professional engineers who shall have been in active practice in the State of Oho for not less than ten years, working independently and not under the direction of other architects or engineers; one member as the representative of the general contractors; one member as the representative of the building material manufacturers, and one member as the representative of building trade labor; all to be appointed by the Governor within thirty days after the effective date of this Act.
- (2) Each member shall serve for the full life of this commission unless removed by death, resignation or by the Governor for cause. The Governor, upon bona fide complaints and for good cause shown, after ten days' notice to the member or members against whom charges may be filed and after opportunity for hearing has been provided may remove any member of said commission for inefficiency, neglect of duty or malfeasance in office.
- (3) Vacancies on the commission shall be filled by appintment by the Governor in the same manner and under the same conditions as applies to original appointments.
- (4) The members of this commission, before assuming their duties, shall subscribe to and file with the secretary of state the constitutional oath of office.
- SECTION 2. (1) The commission, at the call of the Governor, shall meet in Columbus within sixty days after the effective date of this Act, for organization, and it shall elect from its membership a chairman, a vice-chairman, a secretary and assistant secretary.
- (2) The commission shall adopt all necessary rules and regulations, to govern its time and place of meetings, for fixing the length of terms of its officers, and for governing all other matters requisite to the exercise of its powers, the performance of its duties, and the transaction of its business under the provisions of this Act.
- (3) The commission may employ and fix the compensation of such technical and other assistants as it may deem necessary to carry out the provisions of this Act.
- (4) The secretary of the commission shall keep a true and complete record of all proceedings of the commission and may employ and fix the compensation of such clerical assistance as the commission may deem necessary. The secretary, or his duly authorized agent, shall be custodian of all records and property of the commission.
- Section 3. (1) The commission may incur such expenses as shall be necessary to carry out its purposes; provided, however, that such expenses shall not exceed the amount appropriated.
- (2) All expenses incurred by the commission shall be paid by the State Treasurer upon warrants of the State Auditor, which shall be issued on presentation of requisitions duly signed as directed by the commission.
- (3) Each member of said commission shall be entitled to receive fifteen dollars per diem while actually engaged in attendance of meetings, or in the performance of his duties under this Act.
- (4) Each member, technical assistant or other commission employee shall 13-ceive the amount of necessary expenses incurred in the performance of his duties under this Act.
- SECTION 4. (1) Four members of the commission shall constitute a quorum, but no action at any meeting shall be taken without at least four votes in accord. The regular and special meetings of the commission shall be called and held in the manner and at the time and places prescribed in its rules.

(Continued on page 4)

GOVERNOR RECOMMENDS ADDITION

to Building Program After War— Cites Surplus

Gov. John W. Bricker recently announced that he will ask the Legislature to maintain and "possibly add to" a fund already created to start a welfare and educational institution building program at the conclusion of the war.

The announcement was made in a speech he had prepared for his delivery over a radio network, but which Attorney-General Thomas J. Herbert read, instead, the Governor having been ordered by his physician to remain at the mansion. The Governor had been suffering an attack of influenza.

Pointing to one use for the surplus, Governor Bricker's speech said:

"Our primary attention should be given today to the winning of the war, but when it is won, as it will be, every State which has some money laid aside is going to be very fortunate.

"Ohio has a building program for the welfare institutions and for the educational institutions of the State. Even the detailed plans, the blue prints for many of these buildings are now available. We have some laid aside today for that purpose. I shall ask the Legislature to continue it in a fund for that use and possibly add to it....

"So this surplus which the opposition candidate is going to spread around, not only will be helpful in winning the war, in keeping the State government going, in saving the taxpayers' money, but will be very useful in the program of adjustment after the war, giving the returning heroes jobs—rehabilitating them for work again."

In his message to the 95th General Assembly in session in Columbus on Monday evening, January 11th, on "The Condition of the State," the Governor made good his promise to recommend additional funds for post-war building by the inclusion of the following items:

Appropriation of \$10,000,000 for a university and welfare institution building program, including reappropriation of funds (approximately \$4,000,000) made available by the last Legislature, but unspent because materials have not been available.

BUY WAR BONDS and STAMPS

A BILL - S.B. No. 14

(Continued from page 3)

Section 5. (1) The commission shall conduct at least one public hearing in each of the following cities: Cleveland, Toledo, Cincinnati and Columbus; for open discussions on any part of the work carried out under this Act. Said hearings shall be publicized by two notices in each of at least two local papers, the first notice to appear fifteen days and the second notice seven days prior to the date set for the hearing.

(2) Special hearings may be held at times and places determined by the commission, with only one notice in each of two local papers, the notice to be not less than five days prior to the date set for said special hearing.

Section 6. (1) The various departments and bureaus of the State Government shall render every reasonable service in furthering the work of the building code commission and shall make available to said commission all records requested by it. The commission shall proceed with all reasonable dispatch in the study of the various statutes and regulations applying to or affecting the construction of buildings within the State. It shall prepare a report with recommendations intended to simplify, clarify and make more concise and uniform these laws and regulations; and it shall prepare the draft of such proposed legislation as it deems necessary to carry into effect its recommendations.

SECTION 7. (1) The Attorney-General of the State of Ohio is hereby designated as the legal advisor of the commission created under the provisions of this Act.

Section 8. At the conclusion of its work, the commission shall review its records and, after destroying such as have no future value, turn over the remainder, together with all property acquired by the commission, to the department of industrial relations for permanent filing and safekeeping.

SECTION 9. The commission shall complete its work and submit its report, together with the draft of the proposed legislation to the Governor and the General Assembly not later than December 15, 1944.

SECTION 10. For the purpose of carrying out the provisions of this Act, there is hereby appropriated to the Building Code Commission, out of any moneys in the State Treasury to the credit of the general revenue fund and not otherwise appropriated, the sum of \$15,000.

SECTION 11. The sections of this Act and every part of such sections are hereby declared to be independent sections, and parts of sections, and the holding of any section or part thereof to be void or ineffective shall not affect any other section or part of a section thereof.

Note.—A companion bill, the same as above, has been introduced in the House by Representative Fred Meyers, also of Lucas County, and is known as H.B. No. 27.

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NEW DISTRICT ENGINEER WRIGHT FIELD

Lieutenant - Colonel E. C. Landberg, 3426 N. Ft. Thomas Ave., Ft. Thomas, Ky., widely known architect, has been promoted to District Engineer at the Wright Field District, Dayton, O. A reserve officer for 18 year, Colonel Landberg has been in active service since



E. C. LANDBERG

May, 1940. Since then he has been on construction work on projects as area engineer. He formerly was associated with his brother, G. T. Landberg, architect, 114 Garfield Place. His wife and three daughters live at the N. Fort Thomas address.

RASCHIG RENAMED WORKS DIRECTOR

Frank L. Raschig, Cincinnati, was appointed on January 5th State Director of Public Works by Governor John W. Bricker. Raschig's term, limited by the Constitution, will end January 1, 1944.

The public works building program started two years ago with appropriations amounting to near \$4,000,000, is under the direction of Director Raschig's office. This will be true, for the additional building program for which it is contemplated the present General Assembly will appropriate the funds,

Due to the existing national emergency very little, if any, of the actual construction can be started until the war is over. The office of State Architect now being held down by Tom Brand

in the absence of Lieut. Bob Schildknecht, U.S.N., is a part of Director Raschig's department.

COLUMBUS CHAPTER A.I.A. ELECTS MEINHARDT

At the twenty-ninth annual meeting of the Columbus Chapter of the American Institute of Architects, the members in attendance were given an outstanding treat in the informal talk of "Nick" Barack, a native-born Rugo-Slavian, on General Mihailovich's guerilla warfare against the Axis invaders and the long historic fight of his forefathers to maintain their freedom. Mr. Barack, who is a citizen of the U.S.A., graduated from the Law School at Ohio State and served with the American forces in the first A.E.F. to France in 1918.



CARL E. MEINHARDT Architect, Columbus

For President, the chapter reached back into the younger members and elected Carl E. Meinhardt to serve as head man for 1943. Carl is a native of Columbus, Ohio State graduate in Architecture in 1930, member Tau Sigma Delta and Alpha Rho Chi Fraternities, Captain in Community Fund and Red Cross drives and an active leader in Civilian Defense. He has been actively engaged in his profession in Columbus since graduation. At present he is acting as an assistant professor in the Department of Architecture at Ohio State University. Carl married Marjory Wood, of Chillicothe, and resides with his wife and three sons-John Richard, James Robert and Joseph Randall (wouldn't that J.R. you?) at 601 Fallis Road. He is quite a proficient golfer, which he must be to keep his score lower than Mrs. Meinhardt's. He also has

pretty good luck in hitting the head pin especially when bowling with a certain ex-secretary. He has been quite active in the O.S.U. Alumni Association and also the affairs of the Columbus Section of the A.S.O.

For Vice-President, Mr. Ray Sims, a registered practicing architect, 145 North High St., was elected. For the offices of Secretary and Treasurer, Mr. Raymond D. Goller and Charles W. Clous were re-elected. The retiring President, Mr. Effolo E. Eggert, was elected as a member of the Executive Committee.

ALBERT KAHN CAREER ENDS

Albert Kahn, world-famed architect, passed away at his home at 208 Mack Ave., Detroit, on December 8th, in his 73rd year, after being ill for some time with a bronchial disorder.

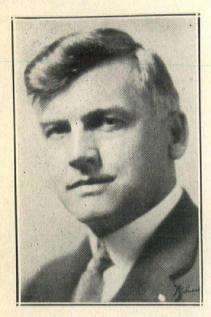
With the passing of this widely known architect the profession loses its most successful exponent of bigness and an outstanding example of almost unequaled initiative in getting very large projects under way and completed in miraculously short periods of time.

As the head of the architectural firm which carried his name he directed the planning, designing and erection of industrial plants throughout the world, contributing very materially to the industrialization of Russia, which is playing such a vital part in the cause of the United Nations today.

Mr. Kahn was born in Rhunen in Westphalia, Germany, March 21, 1869. His father, Joseph, and his mother, Rosalie (Cohn) Kahn, guided him toward a musician's career. But in spite of the fact "he got so he could play the piano fairly well," Kahn left school at 11 years of age and came to America with his mother, aunt and five smaller brothers to join his father, who had preceded them. And Detroit has been his home practically ever since.

He learned his profession as a junior employee in architects' offices. A schoiarship in architectural design enabled him to spend two years in Europe studying, and, as he had put it, "my education was furthered by association with men of high attainments." He worked in the office of Mason & Rice until 1895, when he started in practice with George Nettleton and Alexander B. Trowbridge. Two years later he started his own practice.

GEORGE H. BULFORD Architect



The passing away of George H. Bulford, a leading architect of Columbus and Ohio, in May of this year, marked the beginning of the closing chapter of one of the outstanding architectural firms, Richard, McCarty & Bulford, of the Middle West.

A native of Worcester, England, he came to this country in 1887 at the age of 17, starting his early training in his chosen field with the firm of Yost & Packard, where he worked on the plans for many of the fine structures designed by that firm throughout Central Ohio.

In 1899 the firm of Richards, McCarty & Bulford was formed, and though Mr. Richards died in 1921 the firm continued uninterruptedly to carry on the practice of architecture, rising to the top in accomplishments and professional prestige. A list of buildings for which Mr. Bulford was the designer would be almost a city directory but a few familiar structures can be named—Columbus Athletic Club-South High School-Ohio National Bank Buildings, Town and Gay Streets - Lazarus Building-Ohio State Journal and Columbus Dispatch Buildings - Educational Building — Teachers' Home — Columbus Mutual-Motorists' Mutual - Columbus Gallery of Fine Arts-New Post Office and Courts Building-and many educational buildings, court houses and other public buildings throughout the Middle West.

He was a charter member of the Columbus Chapter of the American Institute of Architects, elected to Honorary

Membership in 1941, and took a very active but unobtrusive part in the affairs of the architects to the very end, including membership also in the Architects Society of Ohio.

He was one of the organizers of the Allied Architects' Association of Columbus in 1924 and served as president and chairman of the Board of Managers of the association until its voluntary dissolution in 1936.

His professional reputation brought him public recognition, and while retiring by nature he tried to do any civic job assigned to him ti the most commendable manner possible. He served on the City Planning Commission for many years, being chairman most of the time. His services for the Chamber of Commerce are best set forth in the following published tribute,

"The recent death of George H. Bulford brought sadness to many members of the Columbus Chamber of Commerce, especially to those who were associated with him when he was a member of our Board of Directors a number of years ago. George first became active in the Chamber when Frank L. Packard was its president. He appointed George as chairman of the Civic Center Committee, and after many weeks of intensive study the committee submitted to the Board of Directors a report that was the original plan for the present Civic Center. The plan was adopted. However, because of his modesty, George would not consent to personally present the plan to the Membership Forum, whose meetings then were attended by several hundred members of the Chamber. It was presented by President Packard, and it became known as the Packard Civic Center Plan. Later, to sell the project to the community, the Chamber sent speakers before more than 100 civic, fraternal, and trade organizations. The result was the first step in the development of the Civic Center, in which the community now justly takes great pride. George Bulford never received the credit that he so richly deserved for the vision, the planning, and the organization ability he employed so well. This tribute to him is not intended, in any manner, to take from the record one bit of credit that already has been given to such community leaders and planners as Frank L. Packard, Billy Ireland, Robert F. Wolfe, and many others."

"APPRECIATION: We gratefully acknowledge the expressions of approval by many of our members after reading

the tribute to the late George H. Bulford that was printed in last week's issue of *Pickups*. We are certain that it is consoling to his friends to know that so many join in our humble effort to give recognition to a man who played so prominent a part in bringing into realization Columbus' Civic Center dream."

Time can not erase, but will enrichen, the memory of George Bulford, architect, in the minds and hearts of the architects, young and old, and there are many such who were so fortunate as to have come within the benign and gracious influence of this man and citizen.

In August of 1941 his only son, George E. Bulford, who had adopted the profession of his father and had been associated with the firm for several years, passed away suddenly while engaged at his professional work on the new arsenal at Ravenna.

Mr. Bulford was a member of Trinity Episcopal Church; Kinsman Lodge of Masons, F. & A. M.; Aladdin Temple Shrine; 32nd degree Scottish Rite; Elks; Athletic Club and Kiwanis Club.

Surviving are his wife, Mrs. Florence H. Bulford; a daughter, Helen, at home; two grandsons, George Stanley and Jerry Tyler Bulford; a sister, Miss Nellie Bulford, 1270 Eastwood Ave., and a brother, Thomas J., of Hillard, Fla.

One Organization For All Architects

Ohio is in the forefront in the program to have one State organization representing all the registered architects in the State.

The Architects Society of Ohio have but one objective, and but one purpose—the promotion of all things for the best interests of the profession.

Be prepared to do your part at every opportunity, never forgetting that the only thing worth while that is free—is air,

PURDUE DEVELOPS LOW-COST HOUSING

Four-Family Unit Can Be Erected in a Week

Crowded housing conditions in the nation's defense areas will be relieved if a new type low-cost house developed by the Purdue University Research Foundation proves successful.

The new wartime house can be erected in a week by a trained crew. It resists fire and also is highly resistant to incendiary bombs. Large enough for a family of four, it costs between \$1,200 and \$1,500. Purdue scientists point out that the house is designed to meet only a temporary need.

The house is constructed of fire-resistant wallboard with a round top so as to withstand bomb shocks and is completely insulated.

Rooms in the 24x28 feet house include a combined kitchen and laundry room, large living room, parents' bedroom, and two small rooms with built-in beds. There are three closets and large storage space in the attic.

The house has electric wiring, running water with shower bath, lavatory and toilet. It is designed to rent for \$30 a month.

According to the Purdue Foundation, the house can be heated in one winter by 2½ tons of coal, 3¾ cords of wood, 340 gallons of oil or 55,000 cubic feet of gas.

ANOTHER BRAVE SOLDIER

In the "Detroit News" of August 9 the following bit of interesting news appears: "Mr. and Mrs. Louis Bezenah of Glyn Court announce the recent marriage of Mrs. Mary Wenrich, sister of Mrs. Bezenah, to Major Herbert Baumer, Corps of Engineers, U.S.A."

The bridegroom is perhaps better known as Prof. Herbert Baumer of the Department of Architecture of Ohio State University, where he has been on the Architectural faculty for several years. Major Baumer is on leave from his duties on the faculty for the duration.

The first World War found Prof. Baumer serving with the French forces in the active war zone. Since that time he has maintained his interest and close contact with military affairs as a Rserve Officer in the Engineers Reserve Corps. He was active in Civil-

Attention, Architects!

With this issue the OHIO ARCHITECT completes its third year of service to and for the profession in the Buckeye State. In view of the cost to you and the benefits derived, it does not seem to be unfair to ask each reader to drop a line or two of advice, suggestions or encouragement to the Editor for those who have made this possible. Right now is the best time to do this.

ian Protection duties before going on his present active duty assignment, which duty, as of the latest report available, took him to a station (Denver) in the West.

Mes felicitations a vous et votre femme et la bonne chance pour un retour sur.

PUBLIC OFFICIALS' LIABILITY FIXED

Court Ruling Made in Ferguson Suit

Ohio public officials may be sued as individuals for damages arising out of acts of misconduct in office, the District Court of Appeals ruled recently,

The court made the ruling in a decision in which it remanded to the Frank-lin County Common Pleas Court for a new trial a suit brought by Leon K. Rowley, 67 E. Woodruff Ave., against State Auditor Joseph T. Ferguson for back pay which Rowley claimed due as a result of his discharge February 1, 1937, as an assistant examiner in the State Auditor's Office under Civil Service appointment.

Rowley sued for pay at the rate of \$6.50 a day from the date of his discharge until he returned to work on July 7, 1939, under a writ of mandamus issued by the Court of Appeals, which ordered him reinstated to his former position. The suit was directed against Ferguson as an individual and not in his official capacity as State Auditor.

A jury awarded Rowley \$4,935.20, but Ferguson, against the Attorney-General's advice, appealed on the ground that he could not be sued as an individual.

Expressing the belief that the suit was the first such brought in the State against a public official as an individual, the Appelate Court held that Ferguson could be held for damages as an

individual because he acted outside the scope of his jurisdiction and authority in discharging Rowley.

In remanding the case for a new trie!, however, the decision held that the trial court erred in admitting certain exhibits and in its special instructions to the jury.—Ohio State Journal.

Note—The above incident illustrates one of the many angles to be considered by the State Board in its enforcement efforts, and answers the questions of several architects on this particular point.

EPIGRAMS

By CHARLEY GRANT Mt. Sterling, O.

Life will be a song if you take care of your notes.

Sometimes a shady past will prevent a bright future.

Only th' beautiful can afford to be dumb.

Love makes th' world go 'round and helps keeps it square.

Lots o' times th' son shines best in th' dark.

Seems easier to trust th' Lord when you have a lot o'cash.

Sometimes, lettin' off steam lands a feller in hot water.

Cool treatment sure burns most folks up.

It never pays t' drag through life on a pull,

Far too many folks are runnin' their faces t' ride.

Th' fellowship of friendship is never a hardship.

Nope, you can't make a hit by throwin' mud.

"Our cause is the cause of all mankind . . . we are fighting for their liberty in defending our own."—Benjamın Franklin.

REPLICA OF STATE CAPITOL

By BENHAM E. RICHARDS, Architect, Columbus

Back in the year 1800 the first capitol of Ohio was erected on the site of the present Ross County Courthouse in Chillicothe. It was a small building probably not more than 30 feet square constructed of a brown rugged stone probably quarried nearby.

Around and through this building pulsated the life of the community, the Northwest Territory and later, in 1803, and for several years thereafter the first capital of Ohio.

About three years ago at 50 West Main Street, a stone's throw from the site of the first capitol, Chillicothe Newspapers, Inc., began erection of an imposing structure having for its central architectural theme, "the first capitol of Ohio."

Thus this replica stands today a modern memorial to those pioneer days when this section was a part of the great Northwest Territory and the birthplace of the Buckeye State. Down through the years, citizens and visitors will be reminded of that early historical era when courage and enterprise were priceless virtues.

And today the new home of the Chillicothe Gazette, the Chillicothe News-Advertiser and the Sunday Gazette and Advertiser stands as a symbol of those self-same qualities so elemental, so essential to progress.

This replica of the old statehouse has retained the beauty of design in the model, the while combining all the features of modern efficiency.

It is the front part of the building that presents the theme of the first capitol. The new structure's overall dimensions are 55 feet wide by 150 deep. The replica is approximately 55 feet square.

The style of architecture of the original building is the so-called Colonial, whose master at the time was the English architect, Sir Christopher Wren. The new settlers undoubtedly brought with them sketches, plans, or memories of a similar building back where they migrated from. As most of the early settlers were from Virginia, it is to Virginia that we must look for inspiration for the style used.

One Ohio historian has made an effort to trace the source of our Ohio buildings, and in practically all cases has found somewhere back in the location whence they came an exact duplicate of the buildings which were built

in the new world. In Virginia the great example for public buildings was at Williamsburg with its luxurious governor's palace, state capitol, and the buildings of William and Mary College, designed by Sir Christopher Wren.

The roof of Ohio's first capitol is quite similar to, and undoubtedly received some inspiration from, the governor's palace at Williamsburg. If the Ohio capitol had been built of brick, the similarity would be more obvious. Buildings of the day were built from builder's handbooks which contained plates showing measured plans and details of buildings, cornices, stairways, porches, windows, cupolas, etc., so that by using the plates the builders were able to assemble the details which were necessary to complete the building.

The replica attempts to carry out the spirit of the old building while clothing the same in a modern fireproof, airconditioned, efficient manner. The entire building, including the roof and cupola, are steel framed. Steel columns and floor beams are encased in concrete. Floor slabs are of steel pantype reinforced concrete. The roof steel is covered with pre-cast gypsum planks. All foundation walls are reinforced concrete and the entire structure is incombustible.

The exterior walls of the replica are made of shot-sawed Brier Hill sand-stone from the quarries at Glenmont, O. Two of the original stones are built into the front wall on either side of the entrance to preserve carefully the character of the original wall. All walls are backed up with masonry. The exterior walls of the one-story mechanical plant are faced with brick matching in color with the stone.

The roof of the replica is variegated colored slate from Pennsylvania in graded sizes from one inch thickness at the eaves to one-half inch thickness at the cupola. Many of the thick slate at the eaves weigh as much as 30 pounds each. The cupola and weathervane are formed of copper, which has been corroded to produce the color of weathered copper.

Inside the building the same style of architecture as the outside has been carried into the lobby, business office, and executive offices, as far as could be done without sacrificing the efficiency of operation.

O. S. U. FACULTY CHANGES

The war was not enough trouble in itself for Professor Chas. St. Chubb, chairman of the Department of Architecture of Ohio State. During the fall term of school he was unable to carry his usual schedule and had to take a trip in the South to recuperate. During his absence Prof. W. C. Ronan was in charge of the department. Prof. Chubb is now back on the job and is reported to be clicking about normal again.

Three members of the department are absent on various duties connected with the war effort. Major Herbert Baumer is with the Army Air Corps, Orlando Air Base, Orlando, Fla.

The second member to leave was Prof. Richard S. Buck, who resigned early in December to take a position with the Navy Department, Bureau of Yards and Docks, in Washington, as a structural engineer.

After a lot of foot work and some head work, too, Captain Galen F. Oman, who has been an active Reserve Officer for many years, was called to active duty on December 5th, later reporting to R.O.T.C. headquarters for duty with the Coast Artillery Unit of the University of Cincinnati.

The members of the "permanent personnel," Prof. Roman and Howard D. Smith, have doubled up to take on a good portion of the work of the absentees. To assist in this work Carl E. Meinhardt of the Class of "30" has joined the staff and will take over most of the work of Prof. Buck. It can be readily understood just what such difficulties and handicaps these war times bring to the class rooms. Recent development in proposed Army and Navy training programs will undoubtedly create many new and more perplexing problems.

The war, any war such as this one, may have many fronts far flung around the globe, but no matter how many or how few the fighting fronts there may be, there is always the home front where the battles must be fought with what is left behind. The uncompromising defense of our educational system is one of our major home front objectives and regardless of the tools left for us to use, those of us who remain on the home front, must fight to win our objectives just as we expect our soldiers to do.

SOMETHING VERY GOOD

The Cleveland Chapter has started an extremely interesting and meritorious scheme for keeping in touch with the boys who are far from the Falls of old Cuyahoga and at the same time giving the B-4s, G-6s, etc., some information concerning the wanderings of their more fortunate brethren.

This idea takes the form of a circular letter issued monthly under the auspices of George Walters, 1110 Hanna Building, Cleveland, and is a compilation of news items contributed by every one who has some information about a Cleveland architect and/or their confrers within 12,500 miles in any direction. Editor George will appreciate brief items about Cleveland architects from anyone who may have some.

We do not have Editor George's permission to quote from their bulletins, but we are going to take a chance using information from Vol. 1 and 3—do not have a copy of Vol. 2.

In the Cleveland list George says there is not a decent buck private or even a lousy sergeant. Every branch of the Service is represented but the Marine Corps. Fortunately, these facts are not true for all sections of the State. Joe Weinberg is still in Tennessee; Capt. Trav Walsh came home in September on a sad mission, his wife having passed to the Great Beyond. Al Harris looks perfectly swell in his uniform-so do all the tall guvs-but that's just that much more for the Japs to shoot at. George Teare has gone to Arizona to be porter to several hundred head of cattle replacing a brotherin-law who was pulled into the Army. Mention is made of the Cedar Point A.S.O. Convention in August, especially notable for the absence of Cleveland representatives, a situation to be lamented by them, not by those who attended-ask George Mayer.

From reports it seems that our late friend, Walter Smith, was just as good a letter writer as he was a speaker. His frank, outspoken and humorous jabs will be missed for a long time.

In Volume 3 Russ Peck is still in the sunny southland hunting "pig boats." Al Harris is waiting and hoping for Capts. Trav Walsh and Tony di Nardo to come down South to learn about camaflouge from a First Louiee. He had to listen to them so much in chapter meetings that he wants revenge.

WALTER H. SMITH Architect-Soldier

While at the Union Terminal Depot in Cleveland, where he had gone with friends to buy return tickets to his post at Nashville, Tenn., Major Walter H. Smith, who had been home on leave, was stricken with a heart attack. He was taken to his home, but after recurring attacks he was taken to St. Luke's Hospital, where he died.



WALTER H. SMITH

The passing of this dynamic fellow practitioner was a severe shock to all who knew him, his friends and acquaintances extending far beyond the circle of only these in the building industry, of which he was such a vital part. The loss, of course, is the greatest to the Cleveland group, but there is also a very tangible loss to the entire profession in the State, as in the post-war period, no doubt he would have served the Society in some capacity just as well as he did for the Cleveland Chapter. It is not for us to question, but we most humbly wonder why, when some one with so much promise, capable of giving society more than he took, is taken from our midst.

Surviving him are his wife, Mrs. Frances Moorehouse Smith, his parents, Mr. and Mrs. Doane C. Smith, and a brother, Howard L. Smith, building contractor here.

In his "Swan Song" to the Cleveland Chapter in June 19, 1942, after serving two terms as president, Major Smith said in part: "According to ancient custom, in spite of our modern trends, I stand before you to give account of my stewardship at its end,

"For two years I've wielded the gavel.

"We've wasted a lot of time talking of grand things we were going to do.

"And some of them never happened—some of the dreams came true.

"We have men in the nation's service—to work or to fight—it's all one.

"And many more due to join them before the charrette is done.

"We have done these jobs together, each for a common end,

"And we've found that a rival is often a man we would like for a friend.

"For two years I've wielded the gavel; you gave me the job and I stuck."

* * * *

"And I've had full co-operation, and more than my quota of luck.

* * * *

"And now, as I pass the gavel to worthier hands than my own, I quote: 'After me cometh the builder. Tell him I, too, have known.'"

Walt Smith was a man's man, with the valiant heart of a leader, whose vibrant spirit will undoubtedly find a high place in the front ranks of that infinite army that has crossed the River Styx and is marching towards that grand sunrise as planned by the Grand Architect of the Universe.

FRANZ C. WARNER ILL

The President of the State Board of Examiners of Architects, Mr. Franz C. Warner, has been confined to St. Luke's Hospital in Cleveland for the past few weeks. It is reported that he is on the mend but slowly, and left for Phoenix, Ariz., on the 8th, where he expects to stay at the home of a sister-in-law for a time to help speed up his recovery.

A hazy memory seems to recall that Franz made this trip before, and while earnestly visiting with some friends he met at a junction, he allowed his train to depart without him. He had quite a time before he was back with his own berth and razor.

Army doctor: "What are those numbers stamped on your back?"

Recruit: "That's the license number of my car. My wife ran into me the other day when I was opening the garage door for her."



HERE AND THERE

C. Merrill Barber, architect No. 548, first reported as a First Lieutenant, U.S. Engineers Corps, Camp Claiborne, Louisiana, for a five weeks' training course, after which he was assigned to an air base on the west coast. Starting out from Toledo, which he probably could not help much, Merrill finally found Ohio State, graduating in 1929 with two degrees. Located in Cleveland where he has given the profession in that area top-notch structural engineering service. He has left his office in charge of Brunson Macgee, also of Ohio State-half miler on the track team who not so long ago set his family up in a new home. We are betting on C. Merrill to show the way and to get more metals on his shoulders soon.

W. K. Shilling, architect No. 1003, was a Second Louie not so long ago, but is now Major Shilling still working in the Wright Field District. From gold bars to gold leaves is going some, but sometimes the Army does the right thing at the right time to the right person, and this is the right thing, time and person.

Frank Pickler, architect, calls up long distance from Granville, advising among other things that he is Assistant Superintendent of Construction on the New Aluminum Plant being erected nearby, and that he regrets very much his inability to attend the architects' meeting here in Columbus.

Alec J. Arany, architect No. 1241, was in the Cleveland Coast Guard District office and was transferred to the Long Beach District office in California, and is now chief engineer for a construction company working on a big Navy project in the San Francisco area. He says he wants to stay in good standing, as he expects to come back to Ohio in the not so distant future.

Charles W. Bellows, a leading architect in Columbus, up to his retirement about ten years ago, passed on to his reward

late in October. He was a first cousin of George Bellows, the well-known Columbus painter, and had been a lifelong resident of the capitol city.

William Mills, architect No. 120, reports from Petersburg, Va., where he says he is living in the fine atmosphere of the Old South, working for Mr. Lee, who was one of the architects in the Williamsburgh Restoration. He says the people are the "salt of the earth," but a community of 30,000 souls finds it hard to be normal with an army camp of 30,000 as neighbors. He also says the dog loves him so he seems to be doing pretty well under the circumstances.

Note—See letters from Tom Mills (son of Wm. Mills) in January Ohio Architect.

J. R. Stewart, architect No. 291. The Army medicoes ruled he was OK so currently he is Lieutenant Colonel Reserve working with the Army Engineers on a large Ordnance Plant near Cincinnati. Just pulled his office door shut with furniture, eleven months' dust and all. Expects to return some day, and closes his remarks with an Amen.

Ship Ahoy!

Our State Architect, on leave, Robert B. Schildknecht, Lieut. U.S.N., was in town recently and was reported to be looking a little thinner than usual. He said, "No, I have not lost any weight—the ballast is just a little better distributed." He was to report soon at a western port for active duty on the briney deep, deep.

Liaison Engineer

Architect No. 1352 H. Keith Creager was in town recently in connection with some work at the New Curtiss-Wright plant for the Goodrich Corp. He reports that the architecturally trained men are particularly well trained to perform many of the jobs in connection with the design and construction of airplanes and that in several places this

training is understood and is being sought when intricate problems are found.

CLEVELAND A.I.Aers IN THE SERVICE

Cady, Robert F., Av-Cadet—Army Air Corps

*Copper, Munroe W., Jr. Lt.—Navy
*di Nardo, Antonio, Capt—Army Air
Corps

*Flynn, Edward A., Lt., Jr. Grade— Navy

Gandola, Frank V., Ensign—U.S.N.

Kluth, Victor M., Ensign—Navy *Peck, Russell R., Lt.—Navy

Shimmon, Karl V., 1st Lt.—Army

Spieth, Otto A., Lt., Jr. Grade—Coast Guard

Toth, Edward M.—Army (not assigned)
*Walsh, Travis G., Capt.—Army Air
Corps

*Worley, Leo M., 1st Lt.—Army Engineers

*Harris, Alfred W., 1st Lt.—Army Air Corps

Hubbell, Ben S., Jr.-Ordnance Dept.

*Corporate Members.

Here is a partial list of architects engaged in some form of war work in Dayton and Springfield:

Dayton Section

Capt. W. K. Shilling, Jr., U.S. Engrs
—Springfield

Henry E. Reuther Rollin Rossner E. Lee Genn Wm. H. Durnbaugh Marlay Lethley Wm. F. Jensen

With Air Service Command — Wright Field—Engineering Section:

James Kaltenbrun
Wilbur W. Wurst
Lawrence H. Hall
Ellason R. Smith
J. Edward Agenbroad
Erskine A. Hart
Wayne Everett Bell.

EXAMINATION DATES

The next State Board examination will be held in Columbus, at Ohio State University, on March 22nd to 26th. The next board meetings are tentatively set for January 28th and 29th and March 11th and 12th. All persons desiring to take this spring examination should have their applications in not later than the March meeting.

Construction Work of All Types Expected to Decline in 1943

New construction of all kinds in 1943 is estimated at \$8,500 million by the Committee on Construction Forecasts of the Producers' Council. This represents a 37 percent decline from the record peak of \$13,410 millions estimated for 1942, but still is in excess of new construction during the pre-war year 1939. But even so, the program is still one of large projects of specialized types, not distributed over the whole country, and therefore not affording work evenly to architects and engineers, contractors, dealers and construction labor.

These estimates for continental United States do not take into account any possible increase in construction costs, and assume that the announced WPB policy of reducing the war construction program will be carried out to a substantial degree.

The 1942 construction total is the largest in history, despite marked reduction in private construction because of WPB restrictions. Military and naval and government-financed industrial plant construction, more than doubled over 1941. The peak was reached in the July-September quarter when more than \$4,000 million of construction was put in place.

War construction will taper off in 1943, but continue in substantial volume until mid-year, after which a sharper decline is expected. Publicly-financed construction is expected to be as high as 85 percent of the total, whereas it was little more than 50 percent in 1941 and only 40 percent in 1939. All categories of private construction will decline further in 1943, including war housing.

Hopeful Outlook for Maintenance and Repair Work

The estimates given do not include maintenance and repair which have been averaging about \$3,000 million dollars per year. Shortage of building products requiring critical materials and stringencies in the labor supply in some localities, may retard certain items of building maintenance; yet other factors will operate to uphold the previous repair volume, or even to increase it. WPB in November authorized the top priority rating of AA-1 to essential repair and maintenance to productive facilities, utilities and housing. Under the new Controlled Mate-

rials Plan war contractors are instructed to submit estimates of critical materials needed for maintenance separately from what is needed for new construction or production operations. WPB further has removed the limitations on construction work using nonmetallic materials and equipment which conserves fuel, including insulation and heating conversion. Thus there is hope for a substantial market for maintenance and repair service providing work for the smaller and specialized contractors.

Residential Market Features Conversion

Residential construction, estimated at slightly in excess of \$2,000 million in 1942, may decline as much as 46 percent in 1943 in spite of the unsatisfied demand for housing accommodations for war workers. Privately financed war housing may decline a greater percentage. This reduction is attributed to the policy of diverting materials and labor to other war uses. Apparently any resulting housing shortage will be met by more intensive use of existing structures. Major dependence for single in-migrant war workers is now being placed upon rooms in existing residences, of which there is reputed a present surplus in some war centers. Additional accommodations, where needed, are being provided in temporary war dormitories.

The National Housing Agency last fall stepped up the importance of its conversion program. Existing residences, and even commercial properties, are being leased by the HOLC and converted at Government expense into apartments for war workers and their NHA recently announced families. liberalization of the lease contract, and has made it possible for real estate brokers to collect commissions from property owners for handling the lease transaction. It hopes that this will provide the incentive for brokers to find suitable properties.

While plant construction will drop off in 1943, it will still be in substantial volume compared to pre-war years. Practically all plant expansion in 1948 will be for the Government account. The prevailing type will be the processing plant, such as for synthetic rubber and high octane gasoline.

Construction on the farm is estimated to decline somewhat in 1943 because of WPB restrictions and in spite of higher farm income. It is expected that necessary provision will be made for essential farm buildings to support the expanded food production program.

In concluding its report, the committee expresses the opinion that although the supply of certain non-metallic building materials may exceed the 1943 needs of war construction, developing shortages in manpower and transportation make it unlikely that there will be any relaxation of current restrictions on new civilian construction. Presumably construction workers released by the declining war construction program, estimated by Government sources as high as one million workers, will be absorbed for the most part in shipbuilding or other production, except as the maintenance and conversion program will utilize them.

Columbus Builders Exchange Elects

Lawrence M. Leonard was elected president of the Builders Exchange of Columbus, 350 N. Sandusky Street, at the annual election and banquet on January 4th at Exchange headquarters, 350 N. Sandusky St. Mr. Leonard succeeds Jack T. Edwards (iron and steel work) to the high office.

Other officers elected were Joseph C. McNalley, first vice-president, and George J. Igel, second vice-president. Directors elected were Paul M. Wanner, Ted R. Armstrong, Earl E. Bright and Ralph H. Anderson, Mr. Kight remains executive secretary and treasurer.

Armco Thinks of the Future

In a recent letter to the Editor, Tom Byrd of the Market Development Division of Armco stated in part, as follows:

"Nevertheless I think that the architects are being wise in taking a day or so off occasionally to get together and keep themselves posted on their position in the post-war period. We, ourselves, are paying a great deal of attention to this future problem, not only as it is affecting our present-day status, but how it will determine what we will be doing in the future."

Autobiographical Notes, 1943 W. A. Paine

Born, raised and attended public schools in Central Falls, R. I. Learned the rudiments of architectural practice as a student in the office of E. I. Nickerso, Providence, R. I. Learned some more in the offices of Howard K. Hilton and Clarke & Howe in the same city.

Finally broke away from office work and took a "special" architectural course at M.I.T. Among his fellow students were Fred Garber, Raymond Hood and Walter MacCornack. Why he should be bragging about such unknown (?) companions is hard to understand. Spent a while in the office of Allen & Collens in Boston, thence to the office of Vounegut & Bohn in Indianapolis.

Next stop, Columbus, O., in 1906. Entered the office of Richards, McCarty & Bulford, the firm that was beginning to offer serious competition to the well-known and efficient organization ably headed by the late Frank L. Packard.

Principal job, designing—many buildings that were built and some that were not. Work going through the office from 1906 to the present has been widely diversified—office buildings, hotels, court houses, postoffices, banks, department store buildings, factories, school and college buildings, club houses, insurance buildings, penitentiaries (one), theaters (one), art galleries (one), and enough houses, large and small, to provide some relaxation. In other words, the old firm would always "try anything once," and had many repeat commissions.

W. P. was, and still is, a very hardworking member of the A.I.A. and was one of the main stems in organizing the Allied Architects' Association of Columbus, serving on its Board of Managers for several years. He has been married for many years to a very charming and accomplished lady who resides with him at 955 Madison Ave., Columbus, O.

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W. A. PAINE



GEORGE D. CRUMLEY

PAINE & CRUMLEY

As one of the closing chapters of the firm of Richards, McCarty & Bulford with a fine record of more than forty years' practice, it is a pleasure to announce the launching of a new architectural firm located at the same address, 584 E. Broad St., as successors, made up of two individuals, who have long been associated with Richards, McCarty & Bulford. The accompanying picture and biographies should be quite ample for purposes of publicity and giving information to the competitors in Central Ohio.

BUY WAR BONDS and STAMPS

Excerpts from the Chronological notebook of one George D. Crumley

Born, raised and attended public schools in Mt. Vernon, O.

Graduated from Ohio State University in 1926, Bachelor of Architecture (whereabouts of diploma not definitely known). Summer vacations were spent with "internship" in the drafting rooms of the Mt. Vernon Bridge Co., and the Columbus Beard of Education, Held some kind of a student instructorship in the Department of Engineering Drawing at Ohio State during Junior and Senior years.

Became associated (sounds better than employed) with Richards, McCarty & Bulford in 1926. The association during the past ten years consisted generally of executive office work, specification writing, supervising construction, preparation of and awarding contracts, and "settin' and waitin' till 3:00 a.m. to meet a Board of Education about a new school house."

In October, 1941, due to the influence of defense work on private construction (meaning no work), was given a leave of absence (without pay) to accept the position of Chief Specification Writer with Prack & Prack, Architects, and the Chester Engineer, Architect-Engineer for the Lone Star Ordnance Plant in Texas, a forty-three million dollar plant. (A.E.P. note plug. Raise considered.) On completion of the Texas work was transferred to the Pittsburgh office of the same firm, in the same capacity, to prepare the specifications for several synthetic rubber plants in the West and Middle West, a butadiene and styrene plant in a large Eastern State, several large boiler plants for the aluminum industry and other defense plant work.

Am married and have three children (which look like me, but will probably outgrow it) and live (on week-ends) in Bexley, O.

Bill collectors will find me temporarily located at 304 Wood St., Pittsburgh, Pa.

P.S.—Oh, yes, also taught a wonderful course (maybe coarse would be better) of Architectural Design and Drawing in the Franklin University night sohool in Columbus some time around 1929.

"Speaking of families, one of my ancestors was present at the signing of the Magna Charta."

"And one of mine," said Ikey, "was present at the signing of the Ten Commandments." WOOD TECHNOLOGY, by Harry Donald Tiemann. (\$3.50—Pitman Publishing Corp., 2 W. 45th St., New York,)

Here is everything an architect should know about wood in a readable and accessible form. There is hardly a page that does not rate a check mark indicating some particular fact or item of unusual interest.

Aside from its value as a technical reference volume, this book contains much that is extremely interesting and valuable as good reading. The information contained in this volume would add very materially to the broad cultural background so essential for a successful practicing architect. The answers to these few questions alone—what is wood, how to identify species of wood, what makes sap rise, etc., makes this volume well worth the effort in time and money to place same in an architect's library.

SOUTHERN PINE MANUAL (\$1.00
—Southern Pine Association, New
Orleans, Louisiana, U.S.A.)

The 14th edition of this fine handbook is now available, completely revised and packed with up-to-the-minute, usable information for architects and engineers.

MODERN PLYWOOD, by Thomas D. Perry (\$4.50 — Pitman Publishing Corp., 2 W. 45th St., New York).

Plywood that has been so useful to the architect in the past few years will undoubtedly be of vastly more importance in the post-war period and no architectural practitioner can know too much about this product that makes wood, one of the best of Nature's friends to man, even more useful.

Here can be found the facts concerning woods, resins, and glues with which every architect should be familiar.

The history of plywood so intimately connected with our everyday living—who does not remember the perforated seating in the railroad stations, the perforated chair bottoms at home and in church, barrel-top trunks, S-shaped sleigh dashboards?

The history of plywood and how it was named is well worth reading for everyone, but more especially for the architect, as he is the one in whom the construction industry places most of its dependence in the proper use of all building materials and devices. Very appropriately the book has a plywood cover with bright red bindings.

BUILDING INDUSTRY TACKLES GREATEST EDUCATIONAL PROBLEM

Need of Expert Training is Recognized and Steps are Taken to Meet it

Educational training for a career in the building industry is at last a reality, with ten colleges and universities ready with new full courses beginning this fall, and still another offering a thorough two-year course.

War's end will call for rebuilding America and the world at large as well. The United States Department of Commerce recently estimated that the now dammed-up housing demand will reach the stupendous total of 40 billion dollars by 1945.

It is further estimated that the annual post-war building volume may be twice the peak year volume of six billions.

When we speak of the building industry, we are really referring to a hundred or more branch industries, no one of which dominates.

The need for career training is emphasized by the fact that an average new home is made up of 30,000 parts or items, contributed by these hundred industries. All these parts have to be assembled and fitted together on the site by a score of different types of local labor.

Preparation for careers in the American shelter industry calls for training in fields as far apart as concrete mixing and æsthetic design, sewage disposal and the psychology of human relations.

Peerless Cement dealers, and high and prep school graduates in whom they might be interested, would do well to write to Johns-Manville, 22 E. 40th St., New York, for copies of its latest publications on this subject. The book is titled "New Career Opportunities in the Building Industry."

OLD-TIMER PASSES ON

Word has been received that Mr. Irwin Thayer, of Wilson Mills Road, Chesterland, O., passed away quite some time ago. At the time of his registration in 1932 (Cert. No. 618) Mr. Thayer was about the oldest individual to become registered in Ohio, having been born in 1852.

STANLEY MATTHEWS

Stanley Matthews, prominent architect of Cincinnati, Ohio, died November 5, 1942. Born April 30, 1892, he received the degree of A.B. from Princeton University in 1913, and graduated in architecture from Columbia University in 1920. During the first World War he served overseas as a First Lieutenant of Artillery. He was married to Maude H. Aldrich in 1913, which marriage terminated in 1928. In 1930 he was married to Cecelia Prior, who, with three children, Katherine M., Mortimer J., and Stephen M., survive him.



STANLEY MATTHEWS

He designed the Children's Hospital and other important buildings in Cincinnati, and was active in the affairs of his profession, serving as president of the Cincinnati Chapter, American Institute of Architects, and president of the Architects' Society of Ohio. He expressed in his professional ethics and executed work the highest professional ideals.

In 1929 he inaugurated a local magazine, "Architectural Progress," in an effort to develop a greater public appreciation of good architecture. To this he devoted a great deal of time and money, retaining the post of editor until 1933.

His life was characterized by unselfishness and an intense interest in civic betterment. He was very much concerned with better housing for the

(Continued on page 27)

ARCHITECTS SOCIETY OF OHIO

An organization of the registered architects of the State, organized for the purpose of promoting, through united action, the best interests of the profession and the construction industry in the State.

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Need For Government Engineers Becomes More Urgent

Education and experience requirements for engineers have been lowered to meet the increasing need for filling engineer positions, the Civil Service Commission announced today.

For the grades of assistant engineer, \$2,600 a year, through chief engineer, \$8,000 a year, applicants either must have successfully completed a full 4-year course leading to a bachelor's degree in engineering in a college or university of recognized standing, or must show professional engineering eqperience, providing the substantial equivalent of such a course, in addition to the required experience.

One year of professional engineering experience, or of engineering graduate study, is required for assistant engineer, \$2,600 a year. For higher positions applicants must show additional experience of a progressively higher level—higher in degree of difficulty and importance of work performed, amount of responsibility assumed, and extent of supervision exercised. Graduate study will be accepted on the same basis as experience, except that, in general, graduate study alone will not be considered qualifying for grades above \$3,200.

Most of the positions are in the grades paying \$3,800, \$3,200, and \$2,600 a year, and only a few positions will be filled at the higher salaries. It is contemplated filling positions in Washington, D. C., throughout the United States, and in its Territories and possessions.

Applications will be acceyted until further notice, but qualified persons are urged to apply immediately. No written test will be given.

An examination for junior engineer, \$2,000 a year, is also open. For this examination no experience is necessary, and the requirements have been lowered to permit the acceptance of applications from college graduates with a degree in any field who are enrolled, or will enroll, in the Engineering, Science and Management War Training Course in engineering fundamentals, sponsored by the U. S. Office of Education.

Applications and complete information may be obtained at first- and second-class postoffices, or from the U. S. Civil Service Commission at Washington, D. C.

Professional Engineers

To Hold 64th Annual Meeting at Columbus February 11-12

What spokesmen say will be the most significant convention in its 64 years of activity will be held February 11-12 in Columbus by the Ohio Society of Professional Engineers, whose members will discuss war and post-war construction problems.

J. S. "Jack" Kennedy, Akron, president of the society, will make an annual report. His successor will be chosen as the result of ballots which have already been mailed.

General Convention chairman will be Murray D. Shaffer, chief engineer, Bureau of Location and Right-of-way, Ohio Department of Highways, Assisting him are Carl E. Kuck, Columbus; Fred Swineford, Columbus; Walter Flemming, Columbus; George W. Kerr, Newark; and Mrs. J. R. Burkey, Columbus.

Besides Mr. Kennedy, officers of the society include Walter W. Graf, Lancaster, vice-president; Robert N. Tucker, Columbus, treasurer; and Merrill Weed, Columbus, secretary.

WPB Plans to Help Builders

Considerable saving in both time and money on the part of applicants for substantial construction projects can often be effected by using the preliminary service of the Materials Control Branch of the Construction Bureau of WPB, according to the magazine "Victory."

Architects, contractors, builders and others who have preliminary drawings and approximate lists of materials available may consult with WPB before making final drawings and submitting formal application to begin construction.

In this way the builder can be advised of the latest regulations regarding use of materials and make whatever corrections are necessary to conform. Later, when he is ready to file his formal application for priority assistance on Form PD-200, he should be able to give all information asked for on the form and in the manner designated in the instructions.

When complete information in the correct manner is included on an application, the form can be quickly checked and delays caused by returning the application for additional information can be eliminated. Prompt processing of applications will, of course, expedite the start of essential construction.

start of essential construction.

For projects sponsored by Federal, State, county, municipal, or other governmental agencies, inquiries should be directed to Maury Maverick, director, Government Division, War Production Board, Temoprary E Building, Washington, D. C.

For all other projects, inquiries should be directed to the Materials Control Branch, Construction Bureau, Fiftyfourth Floor, Empire State Building, New York, N. Y., or the Architectural and Codes Section, Specifications Branch, Conservation Division, Eighth Floor, Washington Gas Light Co. Building, Eleventh and H Streets NW., Washington, D. C.

The procedure does not apply to strictly military and maritime construc-

What a Friend! or Friends!

ALIBI IKE attended the convention solo and three days later the wife received a parcel post package containing a lady's straw hat sent by the hotel manager. Now, ain't that somethin'! It was not a door prize, either. You fellows who know excuses better hurry to my assistance.

"Sorry, madam, but marriage licenses are issued only when your form is properly filled out."

"Why, I like your nerve, sir. We can get married no matter what I look like."



Takes Post on
U. of C. Military
Dept. Faculty

CAPTAIN OMAN

Capt. Galen F. Oman, well-known Columbus architect and assistant professor of architecture at Ohio State University, has been appointed a member of the military department faculty at the University of Cincinnati, it was announced on December 23rd.

On active duty since December 2nd, Captain Oman has been granted a leave of absence from the university. In his new post he will serve under Col, Sidney H, Guthrie,

Captain Oman is a partner of the architectural firm of Pettit & Oman, which have carried on a successful practice in Columbus for several years, a major portion of their work being in the residential field. The firm designed the 350 unit, \$1,500,000 Sullivant Gardens project.

A veteran of the last war, Captain Oman was graduated from the Coast Artillery School, Fort Monroe, Va., in 1918, and has taken an active part in Coast Artillery Reserve affairs in Central Ohio continuously since that time. He received a Bachelor of Architectural Engineering degree from Ohio State in 1920 and in 1923 a Bachelor of Architecture degree from Columbia University.

His wife, who also holds a similar degree (1924) from Columbia and their daughter Louise, age 13, still reside at 293 E. Longview Avenue in Columbus.

Colonel Guthrie, a soldier of the old school, believes in discipline with a captal "D," so it is easy to say that the Colonel and the Captain are both in good company.

Protection

For Unincorporated Areas

Once again an enabling act will be presented to the State Assembly to permit counties to zone unincorporated areas. This is commonly known as the County Zoning Bill. The bill has been drafted and will be introduced shortly. It will, this year, receive strong support from a group of agencies with affiliations in many communities in the State. A citizens' advisory comittee, on which the architects are represented, is in action.

Architects require no argument on the need for such legislation. We all know that most of the cities in the State have zoning protection, but that almost any kind of structure can be built anywhere in unincorporated areas and that until the Legislature acts County Commissioners are helpless to do anything about it.

Highlights of the Bill

The bill permits but does not require the zoning of unincorporated portions of the county.

No changes in existing buildings or uses of land could be required.

Township trustees would determine whether the zoning ordinance would be put into effect in their township.

There could be no restriction on farm buildings or use of farm land.

In the main, the provisions of the bill would permit in county areas regulations similar to those in effect in most Ohio cities, the regulations being, of course, adapted to non-urban conditions.

Watch for the introduction of the bill and let your representatives in the House and in the Senate know that you want to see it passed.

Cement Dispersing Air Entraining Agent For Concrete Pavement

The Master Builders Co. of Cleveland, Ohio, has recently placed on the market a cement dispersing air entraining agent known as HP-7, which, when added to a paving mix, is claimed to improve all the essential qualities of concrete-transverse strength, resistance to wear, freedom from scaling, Furthermore, it appears that this is accomplished with little or no increase in cost, and in some cases with an actual reduction.

HP-7 is essentially a combination of an air-incorporating agent (sodium lauryl sulphate) with a cement dispersing agent (a derivative of lignin sulphonic acid).

Maximum dispersion of cement in the mix has long been recognized as neces-

sary to the attainment of maximum strenth and economy. The introduction of air, however, is a newer development which is not so generally known or understood. In fact, it is actually contrary to the preconceived ideas of many people. Space does not permit discussion of this subject beyond the statement that small amounts of entrained air ermit the use of lower water-cement ratios, reduce bleeding, and add to the durability of the concrete pavement—especially as regards scaling.

The manufacturer points out that as HP-7 is a mixture of definite compounds in definite proportion, its use is subject to perfect and complete control. It is noted also that, while these ingredients can be used separately, and each is effective in its own way, it is only by the combination that the fully beneficial effect is attained.

A 24-page pamphlet entitled "Cement Dispersion and Air Entrainment in Concrete Pavement Constuction," by Edward W. Scripture, Jr., director of the Master Builders Research Laboratories, is apailable from the manufacturer. It contains a detailed and partly technical account of the character, development and use of HP-7 and of other products intended for the same ends; and includes reports of tests on various ordinary and special concretes at 3, 7 and 28 days.

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ENGINEERING DRAWING AND THE MAN

One of our contributors to this issue, the author of "Engineering Drawing and the War," is a man who on that subject might be called the maestro. He is Thomas Ewing French, long chairman of the Department of Engineering Drawing at Ohio State, engineer, designer, and writer of books and articles that have had world-wide circulation. With the beginning of this school year he became professor emeritus.

"Tommy" French got an early start on achievement. While he was still in high school in Dayton, where his father was a minister, he developed a natural talent for design by studying mechanical drawing, as it was called, in an evening class. This bit of outside study prepared him to accept an offer of a job as blueprint boy and helper made by a fellow tooter in the Y.M.C.A. band who happened to be the chief draftsman at the Smith-Vaile Co., makers of pumps and hydraulic presses. Young French quit high school to go to work. In his two and a half years at Smith-Vaile he came to have the title of chief draftsman. But he soon found that he needed the theory of engineering. He came to Ohio State University in 1891 especially to study under Stillman W. Robinson, who had founded the department of mechanical engineering. A freshman, he plunged right into the junior course in mechanism. A few entrance conditions, the result of not finishing high school, he passed off by performance in college.

The following year, besides going back into freshman classes to make up some elementary courses, French became assistant to Professor Joseph N. Bradford in what was then the department of architecture and drawing.

THOMAS EWING FRENCH

When he was graduated in the class of '95 he stepped right into a full-time teaching job. He was made chairman of the department of engineering drawing when it was established in 1906.

A New Name For a Book

In 1910 Professor French and Professor Robert Micklejohn (now in charge of the department of engineering drawing) brought out a book on lettering that attracted favorable attention from the newly organized McGraw-Hill Book Co. The company asked for a book on mechanical drawing. Professor French was dubious; there were

already fifty books on the subject. But the publishers asked whether any one of them was standard. French set about writing a standard book.

Engineering Drawing, a new name for a book (for all the others were "mechanical drawing" in some form or other) appeared in 1911. The first edition contained not quite three hundred pages. The book has grown through successive editions to its present size of more than 600 pages (and larger pages, too) in the sixth edition, out in 1941, just thirty years after the first publi-



THOMAS EWING FRENCH

cation. Keeping up with the latest development, the sixth edition contains a chapter on aircraft drawing and modern examples and problems on jigs and fixtures. Engineering Drawing has sold by the hundreds of thausands. The intensive study of the subject in war training classes has brought a particularly large demand. Out less than a year and a half, the sixth edition has already been printed to the tune of more than a hundred thousand copies.

In all, more than a million and a half copies of the French series of books on engineering drawing and related subjects have been printed. The others are Essentials of Lettering with Robert

Meiklejohn, Design of Farm Structures with F. W. Ives, Mechanical Drawing for High Schools with Carl L. Svenson, Lessons in Lettering (Books I and II) with William D. Turnbull, and Engineering Drawing Problem Sheets with H. M. McCully.

As might be expected, Professor French is interested in all the graphic arts. He has long served the Ohio State University on committees that have to decide such matters as printing and making diplomas. He is an enthusiastic amateur etcher and collector of etchings. In making book-plates he has professional status; his achievements include plates for the general and special collections of the Ohio State University Library, many personal bookplates, and designs for such clients as the New York Public Library, a number of college libraries, and the Baseball Library at Cooperstown, N. Y. He has made a study of heraldry and symbolism and has designed seals and coats of arms.

Fifty Years of Service

As student, alumnus, and faculty member, Professor French has been identified with the Ohio State University more than fifty years. He has participated in University activities of all sorts, and he is especially known for the plans from which developed the Ohio Stadium. He is a member of the University Athletic Board, was its chairman for many years and has been representative to the "Big Ten" ever since the University entered the Conference thirty years ago.

The list of organizations Professor French belongs to reflects his wide diversity of interests. A mechanical engineer (M.E. from Ohio State, and honorary Doctor of Science from Monmouth College) he is a member of the A.S.M.E. He is a fellow of the American Association for the Advancement of Science and a member of the Society for the Promotion of Engineering Education. He belongs to the Newcomen Society of England and to the American Bookplate Society. He is a member of various artistic, typographical, and technical societies. He is a trustee of Columbus Gallery of Fine Arts. His college fraternity is Phi Gamma Delta, and his honorary keys are Phi Beta Kappa (literary), Tau Beta Pi (engineering), Sigma Xi (scientific), and Epsilon Pi Tau (industrial arts).

To engineers all over the world the name French is almost synonymous with engineering drawing. The connection

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is so close, in fact, that it may be necessary to tell some students that the French curve, the ruler used in drawing non-circular curves, was not named for Thomas E.—Engineering Experiment Station News, Ohio State University.

STATE BOARD MEETING

Due to the tremendous impact of many recent trends upon the subjects comprising the accepted curriculi followed in most of our technical schools and colleges, the Board has found it desirable, if not almost necessary, to check into the entire situation as thoroughly as possible in an effort to find, if possible, where the difficulties are, what they are, and co-operate in setting up whatever adjustments that may be determined upon, and try to correlate the State examination in accordance therewith.

As an effort in this direction, and, at the same time, to try to inform the registered architects of the State, to better understand and appreciate the workings of the law and the functions of the Board, the Board held its meeting in Cincinnati. At a luncheon meeting with the officers of the Cincinnati Chapter and Cincinnati Section some of these problems were discussed as much as the limited time would permit.

In the afternoon the Board repaired to the University of Cincinnati for an all-afternoon session with Professor Pickering and his staff, entrusted with the teaching responsibilities in the Department of Architecture. After a conducted tour of the classrooms and inspection of the work being carried out, the Board and Faculty went into a roundtable discussion of more than an hour's duration, during which the major problems were discussed to the

mutual benefit of all present. It is the hope and plan of the Board to have similar meetings with other architectural faculties in the State and to return again to U. of C. as soon as circumstances permit.

Following out the Board's purpose of trying to inform the registered architects of the State to better understand the various provisions of the registration law, to better appreciate more clearly and the functions of the Board, and to know in more detail just what work the Board has been doing, the Board met with a joint meeting of the Eastern Ohio Chapter and Eastern Ohio Section in Canton on November 30th and December 1st.

In addition to general discussions, the Board presented an exhibit of the design problems that had been turned in by applicants during the past three or four years. This proved to be a very interesting innovation and will be repeated in other cities just as soon as circumstances will permit. It would be quite proper for each chapter and section to anticipate such a joint meeting and be prepared to take part in the discussion.

ROBERT F. BEATTY, Architect No. 1044, reports that he locked his seal up early in the year with his furniture (so did a lot of others), and reports now as a Captain in the Corps of Engineers, U. S. Army, on duty at the Ford Tank Plant, Box 118, Dearborn, Michigan.

VICTOR K. THOMPSON, Architect No. 1325, of Columbus, writes from the U. S. Engineers' Office in Cincinnati, Ohio, P. O. Box 124. He says:

"Please send the Ohio Architect to my business address. The last issue

encouraged me greatly, just to learn that the profession still breathes in this time of strangulation; fills me with hope for the future, which, by the way, looks closer than it did last month."

He closes with this query: "Why not insert some news from Brown Hall in the next issue?" Thanks, Vick-K, for remembering the "Ohio Architect" so favorably. And, as to Brown Hall, that's a good tip, not only for Ohio State, but for the U. of C. and W. R. U. as well.

A.I.A. National Meeting

To Be Held in Cincinnati in May

Cincinnati will be a mecca for prominent architects of the Nation from May 28 to 30, when the Annual Convention of the American Institute of Architects will be held. The Cincinnati Chapter of the A.I.A., who will be host to the convention delegates, have started preparations for the meeting, according to a statement of Standish Meacham, who was re-elected president of the Cincinnati Chapter at their meeting held Wednesday evening, January 20, at the Art Museum.

The theme of the Convention program will be built up around the subject, "Urban Rehabilitation," according to present plans.

All other officers of the Cincinnati A.I.A. were also re-elected, including George Marshall Martin, vice-president; Charles F Cellarius, secretary; George Garties, treasurer; Russell Potter, Geo. F. Roth, Jr., and Charles R. Strong, directors.

The election preceded a joint session of the A.I.A. Chapter, Southern Section, Architects Society of Ohio, and the local Producers' Council.

of ARCHITECTS REGISTERED to PRACTICE IN OHIO

(For the Year Ending November 30, 1942)

(This list was prepared by the State Board of Examiners of Architects, Columbus, O., as of November 30, 1942)

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Name Address City Cert No.	Beatty, Robert F., Potters Sav. & Loan Bldg., East Liver- pool1044
Name Address City Cert. No. Abbott, Rollie H., 4218 Monroe St., Toledo	Beck, William H., Delhi Pike, Price Hill, Rt. No. 4, Cincinnati
Allison, Donald M., 1110 Hanna Bldg., Cleveland	Bicknell, Russell A., 3926 Wilshire Blvd., Los Angeles, California
Bacon, Francis R., Western Reserve University, Cleveland 323 Badowski, T. A., 3697 E. 71st St., Cleveland	Bouchere, Paul, (Bldg. Inspector), City Hall, Youngstown 104 Bowers, Howard L., 412-414 11th. St., Huntington, W. Va.,
Barry, Gerald A., 4929 W. Augusta Blvd., Chicago, Ill1340 Baumer, Herbert, 169 E. Lane Ave., Columbus 456 Baxter, Cyrus L., 3903 Oak St., Mariemont, Cincinnati_1163	Brooks, Hugh M., 705 Ohio Depts. Bldg., Columbus 571 Brooks, Theodore W., 244 Stanberry Rd., Bexley, Columbus 965

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Name	Address		City		Cert.	No.
Brown, Archibald N. Y	Manning,	148 E.	55th St	., New	York,	100
Brown, Clifford Brown), Dayt Brown, George D.,	C., 1129 F	Reibold	Bldg.,	(Hermar	in &	363
ton, W. Va.					1	333
Brown, Homer D. Brown, John J., 1	, 855 Avon	St., Al	cron			601
Brown, Walter B., Brumenshenkel, H	211 Holly [arry J., 13	Ave., 7	akoma l	Park, D.	C	910
Bruyere, Louis U., Toledo Buck, Richard S.,						850
Buckhout, Donald	H., 4161 R	iver Rd	Toledo)		966
Burdick, Harold H Burk, Wiliam W., Burrows, George 1	Warner St	(Burl	k & Seel	pach). F	orest	880
		C				
Cahill, John O., 95	0 W. Exch	ange Si	t., Akron			516
Cahill, Paul T., 12 Caldwell, Walter (95 Mulvan	e St., T	opeka, I	Kansas	1	034
Callow, W. Wayne Calvert, J. F., 208	e. 720 Islin	igton S	t., Toled	0		843
Cameron, James I Campbell, C .Harr	10326 A	shbury	Ave., C	leveland		155
Campbell, Wm. V.,	1830 Van	Buren 1	Rd., E. C	leveland		872
Carleton, Earl H. Cincinnati Carmichael, Danie	, 34 West	Sixth	St., (Tie	etig &	Lee)	494
Carnanan, Raiph	W., 536 Mu	itual H	ome Bld	g., Dayt	on	525
Carpenter, George Carr, John J., 1508	C., 4014 E Terminal	lmwood Tower,	Rd., Clevelar	eveland	Hts.	497 701
Carter, Marion A., Cassidy, Harold S	1808 Kent	St., Col	umbus			725
Cellarius, Charles	F., 906 St.	Paul B	ldg., Cin	cinnati_		303
Ceruti, Joseph, 163 Chamberlin, Oliver	9 Glenmon	t Rd.,	Clevelan	d Hts	1	380
Chubb, Charles S. Arch.), Colum	John, Ohio	State	Universi	ty (Dep	t. of	
Churchill, Chester	Lindsay, 9	Newbur	y St., Bo	ston, Ma	ss1	500 152
Cigahn, Arnold W.,					1	294
Ciresi, Anthony S., Civkin, Victor, 126	0 Boston	Ave., B	ridgepor	t, Conn.	1	
Clark, Dana L., 12 Cleveland						237
Clarke, Ernest P., Clarke, Frederick Steubenville	H., 1002 N	latl. Ex	change	Bank B	ldg.,	
Clarke, Habbley V	W., 305 O		m Bldg.	, St. F	aul,	
Clayton, Clifford A	., 2001 Hig	hland A	Ave., Cin	cinati	8	303
Cleland, Earl F., 2 Columbus Clement, Ralph B		gn St.,	Dece de	and On	12	248
Lebanon					1(106
Clotts, Ralph E., 2 Cloud, Charles W.,	515 Larco	mb Ave	., Colum	bus	3	190
Coakley, Burns M., Coddington, Gilbert	2469 E. M. H., 117 C.	ain St., learviev	Bexley, v Ave., V	Columbi Worthing	ton13	10 190
Coddington, Gilbert Collins, James J., Colman, Charles Cleveland	308 Euclid C., New I	Ave., Post Of	Clevelan fice Bld	lg., (FE	IA),	53
Conklin, C. Gordon	, 1601 Jack	rson St.	, Amaril	llo, Texa	as 4	65
Conklin, Charles W Connelly, George R	205 Jaco	uett St	Bridge	eport	4	02
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Cook, William H.,	2503 Hubba	ard Rd.	Youngs	stown	1	07
Coombs, George B., Copper Munroe W.	1350 Hann	na Bldg	Gates M	and ills	6	76 43
Cordes, Walter W., Cordes, William A.,	315 Willow	w Brook	t Lane,	Wyomin	g 8 g 9	55
Cowell, Ensign J. H New York, N.	I., %Gibbs	& Hill,	Inc., Pe	nn. Stat	ion,	88
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Creager, Hub	pert Keith, Sumn	nit St., West A	Alexandria1352
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Croce, Cheste	er, City Hall (D	iv. of Elec.), (Columbus 944
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& Aggo	cis W., 4614 Pro		
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Crowe, Micha	iel A., 180 N. Sta	nwood Rd Re	
bus			812
Crumley, Geo	orge D., 584 E. B		
Cumming, Ra	lph W., 1900 Eu	clid Ave., (Bon	field & Cum-
ming), C	leveland		1081
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Rowlev).	Cleveland		305
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Cieveland		~	606
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	36
Damon, Austin G., 2141 Riverside Dr., Lakewood 94	49
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Delmissier, John, 1809 E. 69th St., Cleveland 647	Field, Wooster Bard, Ohio State University, Rm. 310, Brown all, Columbus686
Denison, A. C., Forest Place, Glendale, Cincinnati 263 Denman, Richard A., 132 E. Center St., (Moore and	Fierbaugh, John F., 1110 Hanna Bldg., Cleveland1151
Denman) Marion1161	Findlay, John S., 4314 15th St., North, Arlington, Va1223
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Deucher, Joseph J., 3554 Hildana Rd., Shaker Hts 972 Devendorf, John C., 1355 Belle Ave., Lakewood 831	Firth, Lee P., 2837 Minot Ave., Oakley, Cincinnati809 Firth, Wilbur M., 3778 Isabella Ave., Cincinnati720
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Dev. George H., 11607 Carolina Rd., Cleveland1240	Fling, Russell R., 235 Overbrook Drive, Columbus 585
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Dickerson Robert W 534 Williamson Bldg., Clevland 471	& Scott). Berea726
DiNardo, Antonio, 229 Central Ave., Dayton 324	Foose, Adrian F., 1828 E. Page Ave., E. Cleveland 353
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Dittoe, Louis G., 334 Thrall St., Clifton, Cincinnati 295 Dolke, William Fred, 189 W. Madison St., Chicago, Ill1369	Fowles, Gilbert L., 1361 Belle Ave., Lakewood646
Dollriehs, Jos. A., 2288 Loth St., Cincinnati 383	Fox, George, 1936 Union Trust Bldg., Cleveland 351
Donaldson, Chas. M., 44-45 Natl. Bank Bldg., (Assoc. De- Voss & Donaldson), Portsmouth 307	Fox, Henry W., 1110 Fidelity Bldg., (Steffens & Fox), Cleveland599
D'Orazio, P. Arthur, 302 Union Natl. Bank Bldg., (M. N.	Va. (Frampton & Bowers),O hio 1
Goodwin). Youngstown1235	Frampton, William R., 412-414 11th St., (Frampton & Bowers), Huntington, W. Va1028
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Drielsma, I Arthur, 540 N. Michigan Ave., Chicago, Ill1287	bus1009
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Duning Hilbert C. 2901 Sander St., Cincinnati1315	cinnati 833 Franklin, J. Ward, 2649 Erie Ave., (Myers Y. Cooper Co.)
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E	helm). Massillon 710
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man). Springfield431	Georgia968
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Eberson, John. 2 West 47th St., New York, N. Y1110	N. Y
Eckles, Robert A., L. S. & T. Bldg., New Castle, Pa 960	F. W. Garber), Cincinnati 892
Eddy, Merle John, 205 Park Pl., Ashtabula247 Eesley, Will, 230 N. Cassady St., Columbus1360	French, Alfred E., 146 Robroy Rd., Willowick Park, Willoughby823
Egensperger, Herbert F., 2008 Keith Bldg., (C. B. Rowley	Willoughby
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Architects Registered to practice in the State	of Ohio for the year ending Nov. 30, 1942
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French, Ransford M., Cooper Ave., Blue Ash 463 Freshwater, Fayne F., 188 E. Dunedin Rd., Columbus1199	Gross, Norman Paul, Naval Air Station, Norfolk, Va1205 Grosvenor, Harold J., 1406 Third Natl. Bldg., Dayton 825
Freund, R. Carl, 2005 Gilbert Ave., Cincinnati	Grow, M. DeWitt, 1025 Nicholas Bldg., (Britsch & Munger), Toledo 1118
Friday, Alfred J., 232 N. High St. (U. S. Engrs.), Columbus	Grunkemeyer, J. C., 3717 Eastern Ave., (Asso-Grunkemeyer & Sullivan), Cincinnati
Foost, Walter H., Jr., 100 E. Rayon Ave., (Otto J. Kling)	Cleveland1096 Guthrie, Bruce, 136 E. Wheeling St., Lancaster 998
Youngstown 1127 Fryar, Roy E., 914 Alberton Ave., Hamilton 144 Fullerton, Scott, 330 Post Office Bldg., Charleston, W.	Guy, J. Trevor, 16112 Euclid Ave., (Austin Co.), Cleveland1226
Va. 790. Fulmer, O. Kline, 14605 Drexmore Rd., Cleveland 877	H
Fulton, Harry A., 5716 Euclid Ave., Cleveland	Haag, Harold M., 309 8th St., Elyria503 Hadley, Thomas E., 11-137 Genl. Motors Bldg., Detroit,
G	Michigan1385 Haefele, Herbert W., 15634 Lakewood Hts. Blvd., Lake- wood1032
Gabriel, Wm. J., 4079 Ellison Rd., So. Euclid1177	Hagerup, Leonard O., 6836 Olcott Ave., Chicago, Ill1187 Hahn, Alfred A., 723 Adams St., (Hahn & Hayes), Toledo 114
Galter, William, 2856 E. 126th St., Cleveland1089 Gamble, Charles M., 2412 Putnam St., Toledo113 Garber, Frederick W., 101 Union Central Annex, Cin-	Hahn, Marvin R., 33 Century Bldg., Elyria447 Hair, Walter R., Hotel Hamilton, (Mueller & Hair), Ham-
cinnati 272 Garfield, Abram, 915 Natl. City Bank Bldg., Cleveland,	ilton249 Hake, Harry, Jr., 2400 Gilbert Ave., Cincinnati277 Hall, Alfred G., 964 Brunswick Rd., Cleveland Hts502
(Garfield, Harris, Robinson & Schafer) 202 Garriott, Hubert M., 800 Broadway, (Garriott, Becker &	Hall, Lawrence H., 973 Manhattan Ave., Dayton 722 Halper, D. Leonard, 2300 Payne Ave., Cleveland 425
Bettman), Cincinnati 766 Garties, George, 595 Armory Ave., Cincinnati 515	Halperin, M. P., 3759 E. 146th St., Cleveland1027 Hampton, George B., 558 Hale Ave., Cincinnati804
Gartner, John B., 6501 Ridge Circle, Cincinnati	Hannaford, H. Eldridge, 1024 Dixie Terminal Bldg., Cincinnati 167 Hannaford, Samuel N., 3620 Woodford Rd., Cincinati 166
Cleveland943 Gebhart, Rollin E., 1201 Miami Sav. Bldg., Dayton341	Hansberger, Claude R., 79 E. State St., Columbus 979 Hansen, Walter C., 610 George St., Midland, Mich 1359
Gee, Edwin M., 2836 Scottwood Ave., Toledo238 Gehron, William, 101 Park Ave., New York, N. Y1059	Hargrave, John W., R. R. No. 10, Box 241, Cincinnati——1218 Harlan, Harold C., 585 Ludlow Arcade Bldg., Dayton—974
Genn, E. Lee, 521 Irving Ave., Dayton1042 Gerow, Leonard H., Rt. No. 3, Box 245, Toledo893 Geyer, Arthur R., 30 S. Ludlow St., (Geyer & Neuffer),	Harley, Alvin E., 1507 Stroh Bldg., Detroit, Mich1136 Harman, Ralph H., 2 W. Columbia St., (Eastman & Harman), Springfield951
Dayton, 388 Gill, Ernest L., 705 Ohio Depts. Bldg., Columbus 837	Harmon, Albert H., 107 Johnson Blvd., Lexington, Ky. 992 Harpster, Milton E., 323 Second Natl. Bldg., Akron 258
Gillespie, Cecil H., 805 Ingalls Bldg., (Falsberg & Gillespie), Cincinnati 165	Harris, Alfred W., Route No. 3, Chagrin Falls1258 Harris, George R., 915 Natl. City Bank Bldg., (Garfield,
Gillespie, George H., 1710 Tuttle Ave., R. R. No. 8, Dayton1122 Gillett, John, 518 Jefferson Ave., (Mills, R. B. & N.)	Harris, Robinson & Schaer), Cleveland 204 Harrison, Myron L., 791 Oak St., Columbus 559 Harsh, Robert S., 145 N. High St., (Harsh, Ramsey &
Toledo 216 Glass, Floyd F., 20 S. Third St., Columbus 398	Sims), Columbus454 Hart, Erskine A., 1234 Demphle Ave., Dayton871
Glazier, Harold M., R. D. No. 2 (Silver Lake Village), Cuyahoga Falls619 Gleitman, Louis A., 1100 Merriman Rd., Akron 700	Hatch, Wallace H., 622 Hiipodrome Bldg., Cleveland 728 Hatcher, Emmett J., 2836 Perrysville Ave., N. S., Pitts-
Godley, George H., 2944 Van Dyke Drive, Cincinnati	burgh, Pa1203 Hathaway, Harvey H., 24 Masonic View Ave., Alexandria, Virginia1365
Goldinger, Lawrence B., 353 Durrell Ave., Wyoming1014 Goller, Raymond D., (Columbus Board of Education), 270	Haushka, Frank, 1845 East 9th St. (811 Ninth-Chester Bldg., Cleveland 408
E. State St., Columbus 939 Good, Albert H., 1034 Tower Bldg., (Good & Wagner), Akron 278	Hayes, John J., 723 Adams St., (Hahn & Hayes), Toledo 115 Hays, J. Byers, 2341 Dalaware Rd., (Hays, Simpson & Hunsicker), Claydond
Goodwin, Myron N., 302 Uunion Natl. Bank Bldg., Youngstown 509	Hunsicker), Cleveland 284 Heaton, Ross B., 4127 E. 146th St., Cleveland 925 Heaton, Roy K., 1713 Midland Bldg., Cleveland 1216
Gordon, Charles, 3718 Ludgate Rd., Shaker Hts 808 Gortner, Roscoe M., 2933 Chase Ave., Chicago, Ill 583	Heidrich, Kenneth J., 433 W. Park Ave., State College.
Graham, Donald, 814 Security Trust Bldg., Indianapolis, Indiana1232 Graham, John H., 3379 Superior Park Drive, Cleveland,	Pennsylvania
Hts 475 Grannis, Robert B., 582 W. Second St., Dayton 1114	Helser, Robert A., 415 Cal-Wayne Bldg., (A. M. Strauss), Ft. Wayne, Indiana1361
Grant, Richard R., 205 N. 9th St., St. Louis, Mo650 Gray, Dorothy Deaver, 1129 Maple St., Mentor1391	Helwick, Lottie B., 3304 Aberdeen Rd., Shaker Hts1363 Henn, Charles W., R. F. D. No. 6, (P. O. Box 243).
Green, John W., Johnson Bldg., Painesville	Henn, Earl C., 3879 Beech St., Cincinnati 604
Greene, James W., 246 Grant St., Ravenna 355 Gribben, J. Upton, R. F. D. No. 1, Westerville 936 Grieme, Henry C. R., General Delivery, Triangle, Va., 918	Henry, Leroy W., 247 E. Exchange St., Akron
Griese, Carl G. S., 8420 Greenlawn Ave., Parma 891 Griffin, Walter F., 906 St. Paul Bldg., (Chas. F. Cellarius),	Michigan963
Cincinnati Griffith, Harry Conway, 137 S. Main St., Dayton 734	Hermann, George, 1129 Reibold Bldg., (Hermann & Brown), Dayton 362

		of Onio for the year ending 110v. 50, 1522
Name Address	City Cert. No.	Name Address City Cert. No.
Hertel, Benj. W., 39 Pearl St., (Grand Rapids, Michigan_1332	Jensen, W. Frank, 15 Parran Dr., Greenmount Village,
Hetterich, Ralph H., 9 S. Broad	1 St., Middletown 270	Dayton
Hewlett, Thomas H., 2317 Dime Hewlett, Timothy Y., 4161 Rive	r Rd., Toledo 511	Johnson, Myron E., 1389 Arlington Ave., Columbus 566
Hiestand, Harvey H., 211 West	Main St., Exton 501	Jokel, Stephen M., 320 Ontario St., (Jokel, Coy & Thal),
Hill, Myron T., 2254 Torrey Dr.	, Toledo 648	Toledo187
Hill, Paul G., 1028 Conn. Ave.,	N. W. (614-A), Washing-	Jones, Clifford E., 159 Amazon Pl., Columbus1208 Jones, Fred J., Apt. 4, Park Terrace Apt., Hamilton1292
Hilles, Clark H., 5304 Hampden	Lane Bethesda, Md. 884	Jones, Herbert S., Farmers Bank Bldg., (Althouse &
Hinman, Charles H., 10525 Carn	negie Ave., Cleveland 269	Jones), Mansfield 195
Hock, Charles A., 132 N. Main	St., Dayton 461	
Hodgman, Edward M., 1367 Cle Hohl, Russell L., 701 Cherry S	t Rome N V 748	K
Hohly, Otto H., 245 Huron St	Rm. 809, (Langdon &	Kahn, Albert, 345 New Center Bldg., Detroit, Mich 669
Hohly), Toledo	124	Kahn, Louis, 345 New Center Bldg., Detroit, Mich 670
Hoke, Karl B., Eagle Point Co	lony, Rossford 146	Karlsberger, Louis F., 510 Chatham Rd., Columbus 201
Holabird, John A., 333 N. Mic	1101	Katonka, Frank A., 11406 Continental Ave., Cleveland 492 Keich, Robert J., 116 E. Market St., (Keich & O'Brien),
Holbrook, Harry C., 246 Wilson	Ave., Columbus 361	Warren 243
Holden, Dean H., 1960 E. 57th	St., Cleveland 207	Keil, Herbert W., 301 First St., N. E., Washington, D. C. 325
Holdstein, Milo S., 721 Hickox I Holtmeier, Robert L., 35 E. 7th	St (Potter Tyler & Mar-	Keil, John J., 500 Dominion Bldg., (T. D. McLauglin &
tin). Cincinnati	1300	Assoc.), Lima 192 Keister, Lowell M., 31 Cedar St., Brecksville 911
Holtzman, Willifred, 1721 Nich	olas Beldg., Toledo 844	Keller, Arthur E., 2570 Overlook Rd., Suite B-2, Cieveland 555
Honicky, Edward, 1530 Bldrs.	Exchange Bldg., (Johns-	Kelley, Albert L., 97 Canton Rd., Akron1112
Hoose, Sterling R., 3020 Edghill	Rd. Cleveland1305	Kelley, John R., 435 Arch. & Bldrs. Bldg., (Allen & Kelley),, Indianapolis, Ind1379
Hoover, Joseph W., 1408 Keyste	one Bldg., Pittsburgh, Pa.1078	Kelly, John Sherwood, 4216 Prospect Ave., Cleveland 401
Hopkins, Frances S., 3361 Lans	smere Rd., Shaker Hts 937	Kelsey, Arthur J., 1428 35th St., N. W., Washington, D. C. 596
Horley, Edward F., 16 Mainsga Horn, Howard F., 1240 Huron	Rd (Walker & Weeks).	Kempton, Ralph C., 50 West Broad St., Columbus 111 Kennedy, John F., 201 N. Wells St., (Rm. 1002), Chicago,
Cleveland	1171	Illinois 763
Houck, Doan R., 2255 Whitney	Ave., Toledo1320	Kennedy, Robert A., R. R. No. 13, Sutton Rd., (Mt. Wash.)
Houlihan, Raymond F., 5822 Ki Hovanetz, Rudolph M., 3119 W.	ngsdale Ave., Chicago, III.1117	Cincinnati1071
Hovey, George W., 412 Sixth St	t. Marietta 264	Keppel, Ellis M., 1435 Genessee Ave., N. E., (A. F. Sidells Assoc.), Warren
Hronek, Frank J., 4060 127th St	Cleveland 717	Kessling, Henry J., 206 S. Monument Ave., Hamilton 598
Hubbell, Benj. S., 4500 Euclid	Ave., Cleveland 189	Ketterer, John Walter, 238 S. Negley Ave., Pittsburgh, Pa. 930
Hubbell, Benj. S., Jr., 4500 Eu Huber, Jos. C., Jr., 225 N. Denv	ver St., Hastings, Neb 185	Kimball, Richard A., 103 E. 86th St., New York, N. Y., Kimball & Husted),1061
Huberty, Ernest, 8017 Whiteth	orn Ave., Cleveland 622	Kimberley, Burton R., City Hall, Bldg. Dept. (Commis-
Huberty, John A., 21169 Clayth	orne Rd., Shaker Hts1394	sioner), Lakewood 723
Huff, William B., 640 N. Main & Hughes, Fred J., 220 E. Jefferso	St., AKron 475	King, James B., 683 E. Broad St., Columbus 882
Huhn, Alexander W., 419 Oakla	nd Park Ave., Columbus_1020	King, Robert L., 84 W. Bowery St., Akron
Huhn, William J., 204 McClure	St., Dayton 434	Kissinger, Clarence A., 2726 Market St., Youngstown 342
Hulsken, Peter M., 218 W. Mar	ket St., (Assoc. Lyman T.	Kistler, Charles G., Suite No. 2, Getz Block, Kent 170
Hunsicker, Byron A., R. F. D.	No. 3, (Hays, Simpson &	Klein, William J., 5124 Greenwood Ave., Chicago, Ill1269 Kling, Otto J., 100 E. Rayen Ave., Youngstown 117
Hunsicker). Willoughby	807	Knowlton, Lynn O., 1650 Hanna Bldg., Cleveland1233
Hunt, Roland E., 914 Main St.,	(Hunt & Allan), Cincinnati 254	Knox, Van W., Jr., 4131 Carthage Rd., Toledo1324
Hunter, Harold H., 106 E. Mark Warren	858	Koch, Justus M., 2597 Briar Rose Ave., R. No. 3, Wester- ville1251
Hunter, Herman T., 352 E. H	High St., (M. W. Lethly),	Kock, Frederic H., 4344 Foley Rd., Cincinnati 590
Springfield	1050	Koehl, William, 3091 Mayfield Rd., Cleveland 118
Husted, Ellery S., South Salem Hymon, Samuel, 1400 Harrison	n Ave., Cincinnati 773	Konarski, Michel M., 1100 Merriman Rd., Akron1170 Kraus, Robert J., 1005 Central Tower Bldg., Akron533
		Kregelius, Herman, 517 City Hall, (Com. of Arch.), Cleve-
		land 453
Ianni, Basilio F., 13912 Chapel	side Ave Cleveland 948	Kressbach, Carl C. F., 212 W. Michigan Ave., Jackson, Michigan1077
Ihorst, Benj., 1010 Provident B	Sank Bldg., (Fechheimer &	Krinsky, Ben, 14003 Drexmore Rd., Shaker Hts 654
Ihorst), Cincinnati	318	Kromer, Edward, 270 E. State St., (Board of Education),
Ingersoll, Raymond G., 134 N. Inscho, C. Curtiss, 145 N. High	Pine St., Warren 1228	Columbus250 Kruckemeyer, E. H., 3701 Carew Tower, (Kruckemeyer &
Inscho, Charles L., 145 N. Hig		Strong), Cincinnati 299
Isensee, Frederick M., 8201 Ha	rper Aven., Chicago, Ill1169	Kuball, Albert C., 3419 McFarlan Rd., Cincinnati 148
Isphording, Robert C., 4231 Fo Iuen, Richard R., 3828 Woodfo		Kuck, Charles H., 2nd Natl. Bank Bldg., Cincinnati 276 Kuechle, Roland K., P. O. Box 1150, Las Vegas, Nevada_1374
ruen, Richard R., 3828 Woodie	- Cincinnati	Kunz, Anthony, 702 Times Star Bldg., Cincinnati 366
		Kunz, Jerome J., 702 Times Star Bldg., Cincinnati 369
Ingkson II Mollace 9941 M	St Cincippeti 741	Kunz, Trudpert A., 702 Times Star Bldg., Cincinnati 368
Jackson, H. Neilson, 2841 May Jacobs, Fred D., 514 Main St.,		
Jaekle, William L., 310 W. Sec	cond St., Dayton 360	
Jansson, Edward F., 740 Rush	St., Chicago, Ill1334	Lamareur, Louis A., 167 Euclid Ave., Mansfield 310
Jeavons, w. Norman, 12417 Ced	on Dd (Ingrong & Chahn)	Lanco William I 228 Lyon St Cincinnati 1183
Cleveland Hts.	ar Rd., (Jeavons & Spahn),	Lance, William J., 228 Lyon St., Cincinnati1183 Landberg, Edwin C., 114 Garfield Pl., Cincinnati467
Cleveland Hts., Jenkinson, Edgar T., 815 King	655	Lance, William J., 228 Lyon St., Cincinnati

Name Address City Cert. No.	Name Address City Cert. No.
Langdon, Charles A., 245 Huron St., (Langdon & Hohly),	Martsolf, Jesse E., 512 3rd Ave., New Brighton, Pa1082
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Langenhan, Herman O., 1530 Waterbury Rd., Lakewood_ 863	Toledo1064
Larimer, Richard M., 2501 Ridge Ave., Columbus1193 Larrick, Thomas, Atnens1254	Mason, B. Frank, 175 E. Beaumont Rd., Columbus 967
Latterner, Stanley W., 518 Jefferson Ave., (Mills, R. B. &	Mason, John K., 2135 Bancroft Pl., Washington, D. C1326 Masterson, Charles T., Nela Park Engr. Dept. (Genl.
N.), Toledo 193 Lauer, Fred J., 201 Belmont Ave., Toledo 673	Elec.), Cleveland 772
Lauer, Martin P., 31 N. Summit St., Akron 483	Matthews, Orval H., 13 Park Ave., West (Assoc. L. Red-
Laurie, Pasqual R., 1312 Carnegie Ave., Cleveland1069 Lawrence, Ralph E., 1522 East 85th St., Cleveland 399	ding), Mansfield 271 Matzinger, Paul, Empire Bldg., Cleveland 245
Lawrence, Willard S., 402 Atlantic St., N. W., Warren, 1357	Maule, Comly E., 2586 Glenmawr Ave., Columbus1075
Lawry, William A., 423 East 109th St., Cleveland 640 Leavitt, Morton, 2969 Yorkshire Rd., Cleveland Hts1314	Mauer, Herman W., 3126 Scarboro Rd., Cleveland 523
Lee, Walter H., 34 W. Sixth St., (Tietig & Lee). Cin-	Maxifield, David B., 322 E. Withrow Ave., Oxford688 Mayer, George B., 1030 Schofield Bldg., Cleveland462
cinnati 289 Lefken, Lawrence J., 101 Union Central Bldg. Annex,	McCarty, J. E., 584 E. Broad St., Columbus 183
(Garber), Cincinnati 382	McCord, George E., Jr., 84 S. Pershing Ave., Akron730
Legge, Seward D., Firestone Tire & Rubber Co., Akron. 560 Lehmann, Dale E., Marquette Bldg., (Giffels & Vallet,	McCormick, William D., 121 S. Negley St., Pittsburg., Pa. 902
Inc.), Detroit, Mich1214	McCready, Charles L., Post Utilities, Camp Lee, Va 448 McDonald, Charles T., No. 5 Alcott Lane, Greenhills 371
Leslie, Philip F., 10 Irving St., Toledo614 Lethly, Marlay W., 352 E. High St., Springfield 119	McDonald, George E., 2110 Columbia Parkway, Cincinnati 121
Letson, Howard E., 705 State Office Bldg., Columbus 1209	McFadden, Ferd. J., 442 Oberlin Ave., Lorain 466 McGinnis, Edwin M., Box 267, Balboa Hts., Canal Zone 995
Letts, George A., R. D. No. 1, Horse Shoe Glen, Willoughby1243	McLaughlin, Thomas D., 500 Dominion Bldg., Lima 191 Meacham, Standish, 1100 Times Star Tower (Rapp &
Levey, Norman J., 2747 Book-Cadillac Hotel, Detroit,	Meacham), Cincinnati297
Michigan1013 Levinson, Charles B., 16 E. 72nd St., Cincinnati1091	Medicus, Fred C., 2432 Ashley Ave., Berkeley, California 370 Medicus, Randall F., 2224 Fifth Ave., Youngstown 532
Leviton, William N., 530 Daytona Parkway, Dayton 1124	Meek, Norville C., 6335 Savannah Ave., Cincinnati 357
Leybourne, Malcolm, 220 N. Second St., Tippecanoe City 854 Linch, William E., State Office Bldg., Columbus 693	Mehring, Dale C., 556 Spitzer Bldg., Toledo653 Meinhardt, Carl E., Ohio State University, (Arch. Office),
Lincoln, George J., 303 Farmers Bank Bldg., Mansfield_1066	Columbus1198
Linder, Gustave A., 2109 Reading Rd., Cincinnati 846 Little, John W., Richmond Rd., Bedford	Meinshausen, Geo. H., 34 West 6th St., (Tietig & Lee), Cincinnati699
Lloyd, Bruce E., 1324 Cory Drive, Dayton 761 Long, Brice Hayden, 3341 Ardmore Rd., Shaker Hts. 496	Mellenbrook, Earl H., 26 Front St., (Mellenbrook, Foley
Long, Chester V., Mahoning Co. Court House, Youngs-	& Scott), Berea747 Mercer, Max G., Antioch College, (Supt. of Bldgs.), Yel-
Loomis, Arthur B., Jr., 10014 Burton Ave., Cleveland 897	low Springs1371
Lorentz, Raymond V., 105 High St., S. W., Rm. No. 6,	Merkel, Karl H., 6418 McHugh Pl., Cincinnati1328 Merrell, S. Clye, 10006 Carnegie Ave., (Maier & Walsh),
Canton	Cleveland
nams), Dayton 210	Meyer, Louis H. W., 20511 Amherst Rd., Warrensville Hts. 482
Lyle, Joseph M., 6533 Blue Ridge Ave., Cincinnati 541	Meyerhofer, Henry J., 306 W. Williams St., Maumee1372 Meyers, William W., 821 Commerce Bldg., Erie, Pa1377
	Michaels, William H., 1772 Mass Ave., N. W., Washington,
M	D. C
Maag, John Henry, 1650 Hanna Bldg., (H. K. Ferguson	Miller, Joseph M., 13210 Shaker Square, Cleveland 493
Co.), Cleveland 953	Miller M. Gilbert, 12 W. Madison Ave., Youngstown 131 Miller, William F., 229½ E. High St., Springfield 915
MacCormack, Donald A., 2039 New Hampshire Ave., N.	Millott, Henry C., 814 W. Washington St., Sandusky 922
W., Apt. 105, Washington, D. C1155 Macelwane, John P., 2338 Westbrook Drive, Toledo616	Mills, Thomas R., Citizens Central Bank Bldg., Nelsonville 942 Mills, Wilbur T., 152 S. Garfield Ave., Columbus 221
Mackey, Richard, 1400 Leader Bldg., (F. W. Woolworth), Cleveland881	Mills, William, Citz. Central Bank Bldg., Nelsonville 120 Mintier, Wendell R., 175 Montgomery Blvd., New Concord1310
MacMillin, E. Milton, 10525 Carnegie Ave., Cleveland 558	Mitchell, Daniel, 1240 Huron R., (Walker & Weeks),
MacNaughton, Robert H., 1242 Quilliams Rd., Cleveland Hts. 441	Cleveland239 Mitchell, G. Evans, 2630 Chester Ave., Cleveland282
Hts. 441 Maffit, Merle R., 328 E. Town St., (F & Y Construction	Mitchell, Walter K., 1488 Winton Ave., Lakewood 617
Maguolo, George J., 1304 Maccabees Bldg., Detroit, Mich.1260	Mollenkoph, Louis H., Cincinnati Union Terminal, Cincinnati1222
Maier, Edward J., 10006 Carnegie Ave., (Maier & Walsh),	Montgomery, Max A., 147 Hudson St., Hudson 721
Cleveland 372 Mallalieu, Harry L., 615 Ohio Merchants Bldg., Massillon1220	Moore, Downie W., 79 E. State St., Columbus 173 Moore, John H., 132 East enter St., (Moore & Denman),
Mankki, Onnie, 426 Terminal Tower, Cleveland 799	Marion316 Morgan, Joseph G., 180 Old Colony Ave., Wollaston, Mass.1344
Manor, W. Howard, E. Main St., Grand Rapids 477 Marioni, Louis J., 3204 Linwood Rd., Cincinnati 609	Morgan, Walter J., 706 Elm St., Martins Ferry611
Maritz, Raymond E., 721 Olive St., St. Louis, Mo1150	Morrill, Paul D., 162 Clinton Hts., Columbus1121 Morris, Fred M., 723 Adams St., Toledo633
Marr, Charles J., 138 Ray Ave., N. W., New Philadelphia 380 Marsh, Carl M., 223 N. Wayne Ave., Columbus 982	Morrow, Roger B., P. O. Box 1456, Ancon, Canal Zone 762
Martin, Boyd G., 525 Clinton Bldg., Columbus 938 Martin, Carl H., Hotel Randolph, ElDorado, Ark1159	Moss, Leslie, 4109 Heyward St., P. H., Cincinnati 696 Motter, Laurence J., 1412 Cleveland Ave., N. W., (C. E.
Martin, Charles L., University of Cincinnati, Cincinnati 577	Firestone), Canton Moulthrop, Ray J., 2408 Ashurst Rd., University Hts.,
Martin, Clarence V., 202 Johnson Bldg., Ashtabula 337 Marti, Elizabeth E., 12 East Innis Ave., Columbus 792	Moulthrop, Ray J., 2408 Ashurst Rd., University Hts., Cleveland1007
Martin, Geo. Marshall, 35 E. Seventh St., (Potter, Tyler	Mueller, Frederick G., Hotel Hamilton, (Mueller & Hair).
& Martin), Cincinnati703	Hamilton248

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Munge Murphy, M	Harold H., 1025 l er), Toledo Milton E., 70 N. E	Broadway, (Akron	298 Board of	Pepinsky, Berna Perkins, Raymo Michigan		enl. Motors Bldg	g., Detroit,
Educa Murray, R	tion), Akron alph, 523 N. Fourt alfred K., Bx 5848,	h St., Ironton	347 385	Perrin, William Perry, Wm. Ric Pennsylvani	N., 3315 Elsm hard, 2882 Wes	ere Rd., Shake t Liberty Ave.,	r Hts 637 Pittsburg,
	F. Noverre, 2 E.						132
		N		Philpott, Harold Pichler, Frank Pickering, Erne	J., 1476 W. Si st, University	xth Ave., Colum of Cincinnati, C	nbus1119 incinnati 450
Nau, Carl Clevel	oseph A., 705 St. A., 4614 Prospect	Ave., (W. Watson	& Assoc.),	Porter, Charles Porter, Edward	el K., 3235 Yor W., 1570 Larch s N., 201 Laird 33 N. High St	mont Dr., Lake Bldg., Tiffin	ewood1295
Wheel	ry Ray, Penthouse ing, W. Va		964	Porter, George	E., Jr., 3915 I Porter), Cinc	Plainville Rd., I	Mariemont,
Neitzer, E	rling L., 8 Royalto rnest, 2885 Neil A	ve., Columbus	636	Porter, Harry I Postler, John, 1	1650 Hanna	Bldg., Cleveland	817
Neppel, Jo Nesmour,	anger O., 459 Idor seph P., 1799 E. 10 David W., Marque t, Michigan	00th St., Cleveland tte Bldg., (Giffels	& Vallet),	Cincinnati Potter, J. Ellsw Potter, Russell	orth, 4324 W. 1 S., 35 E. Seve	92nd St., Fairvi	ew Village 521 r, Tyler &
Neuffer, G	eorge T., 437 Lud Dayton	low Arcade, (Geye	er & Neuf-	Powell, William	ncinnati	Bldg., Cleveland	11084
Nichols, S	Stephen E., 85 Roy Theo. V., 16828 Kins	alton Rd., Brecks	ville 784	Prack, Arthur	ine E., 164 Brig E., 119 Federal	St., Pittsburgh	Pa 997
Nicola, W Nieb, Wili	ellington G., 47 E. ner E., 2 E. 15th A	Stafford Ave., W Ave., (Todd Tibbal	orthington 959 s), Colum-	Pressler, Fred	H., 119 Federa W., 7341 Parkd eman A., 1155 R	ale Ave., Cincin	nnati1302
Niehus, G	ustave A., 36 E. Fin	rst St., Dayton	122	Price, Harry M	I., 315 Dixie Te E., 80 E. Jack	rminal Bldg., C	incinnati 126
Norcross,	Maxwell A., 7016 Charles M., 518 Je	Euclid Ave., Cleve	land 283	Probst, Marvin Pruitt, Edwin F	G., 80 E. Jacks L., 172 State St.,	son Blvd., Chica Columbus	go, Ill1346 129
& Noi	rdhoff), Toledo ton R., 92 Church		214	Puzenski, John	H., 1920 Stands , 5706 Marmion	ard Bldg., Cleve	eland1033
Nosek, An	ton G., Jr., 71 Fitz r, Harry H., 18 N.	water Rd., Brecks	ville 423		F	2	
		0		D 1 11 W-14	A., 304 Federa	1 Bldg Dayton	1189
		•		Rabold, Walter	shall, 606 2nd N	atl. Bank Bldg.,	Cincinnati1097
	V. Ray, 1306 Holly			Rainey, T. Mar Ramsey, Edwar Raney, John K	shall, 606 2nd N rd A., 117 E. W 320 Sand Ridg	atl. Bank Bldg., Teber Rd., Colu ge Rd., Bowling	Cincinnati1097 mbus 397 Green 940
Oborn, Ch O'Brien, I	arles W., 244 Win Harry J., 912 Union	dsor St., Marion Sav. & Trust Blo	dg., (Keich	Rainey, T. Mar Ramsey, Edwar Raney, John K Rapp, Mason G Rapp, Walter	shall, 606 2nd N rd A., 117 E. W ., 320 Sand Ridg ., 230 N. Michig L., 1100 Time	atl. Bank Bldg., Teber Rd., Colum ge Rd., Bowling gan Ave., Chicag s Star Tower.	Cincinnati1097 mbus 397 Green 940 go, Ill1382 (Rapp &
Oborn, Ch O'Brien, I & O'l Ockert, P Clevel	tarles W., 244 Win Harry J., 912 Unior Brien), Warren Paul J., 1836 Eucl	dsor St., Marion Sav. & Trust Bloid Ave., (Ockert	840 dg., (Keich 244 & Teare),	Rainey, T. Mar Ramsey, Edwar Raney, John K Rapp, Mason G Rapp, Walter Meacham), Rauber, Harold	shall, 606 2nd N rd A., 117 E. W ., 320 Sand Ridg ., 230 N. Michig L., 1100 Time Cincinnati R., 1006 8th S	atl. Bank Bldg., Veber Rd., Colu- ge Rd., Bowling gan Ave., Chicag ss Star Tower, t., N. E., Massil	Cincinnati1097 mbus 397 Green 940 go, III 1382 (Rapp & 296 lon 1284
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Oborn, Ch O'Brien, I & O'I Ockert, F Clevel Ohler, En Older, Ge Olsen, Lei Oman, Ga Colum Oram, Fr Co.), Orr, Ralp O'Shea, M Bellm Outcalt, I Outcalt, A Owsley, C	tarles W., 244 Win Harry J., 912 Union Brien), Warren aul J., 1836 Eucland f E., 8 E. Huron St. den F., 2901 N. Habus ank W., 1500 Lead Cleveland h E., 265 Oakland Lichael B., 518 Jeff an & Nordhoff), T. Edgar, 232 N. Habus k E. Franklin, 13124 h E., 2666 Euclarles F., 211 N. den E., 518 Jeff and F., 2666 Euclarles F., 211 N. den Elarence M., 18104 Land Elfred A., 584 E. Burence C., 400-401	dsor St., Marion 1 Sav. & Trust Blo 1 d Ave., (Ockert Ave., Dayton 1 akland Ave., Colunt 1 igh St., (Pettit a 1 ler Bldg., (Union 1 Park Ave., Columb 1 ferson Ave., (Mil 1 oledo 1 cligh St., Columbus 2 Shaker Square, Citid Ave., Cleveland 2 Champion St., You P 1 dseer Rd., Cleveland 2 coad St., Columbus 2 union Trust Bldg 2 wthorne Ave., Cin 2 rown St., Dayton.	840 dg., (Keich 244 & Teare), 326 365 nbus	Rainey, T. Markamsey, Edwar Ramsey, Edwar Raney, John K Rapp, Mason G Rapp, Walter Meacham), Rauber, Harold Rayburn, Thon Redding, Lester Reeb, J. Elmer Reeb), Cler Reed, Edward Reed, James A Reed, J. Richard Rees, Daniel I cinnati ——Reese, James A Gates Mill Reeves, G. Otic Reichard, Harr Columbus Reily, Solon L. Reimers, Charl Rennison, Forr Reuther, Henr Rheinfrank, GRhinehart, Fra Cleveland Rhoads, Emer Richards, Clar	shall, 606 2nd Nrd A., 117 E. W ., 320 Sand Ridg, 320 S. Michig L., 320 N. Michig L., 1100 Time Cincinnati R., 1006 8th S nas W., 493 S, 13 Park Ave., ., 1508 Termina veland G., 632 Main S ., 435 Red Haw rd, 16112 Euclid C, 1275 Center M., R. R. No. 1 A., Cedar Hill F ls s, 224 N. Fifth ry F., Ohio Stat ., 300 W. Adams es H., 1293 Cha est O., 12427 In y E., 15 S. St. corge B., 517 F nk E., 1240 Hur ., W., 75 Public ence E., 400 S. F	atl. Bank Bldg., Veber Rd., Colurge Rd., Bowling an Ave., Chicages Star Tower, t., N. E., Massil Vine St., Marion West, Mansfield Tower, (Small Rd., Dayton Ave., Clevelan St., Ashland Lo, Box 251, St., Steubenvill te University, Est., Chicago, Il use Ave., Clair St., Dayto ardner Bldg., Ton Rd., (Walker Square, Clevel Tront St., (Amer Ton Rd., (Walker Ton St., (Amer Tower St., (Amer Tower, Clevel Ton St., (Amer Tower, Clevel Tower, (Marker Tower, Clevel Tower, (Amer Tower, Clevel Tower, (Amer Tower, Clevel Tower, Clevel Tower, (Amer Tower, Clevel Tower, Clevel Tower, Clevel Tower, (Compared Tower, Clevel Tower, Compared Tower, Clevel Tower, Compared Tower, Clevel Tower, (Compared Tower, Clevel Tower, Compared Tower, Clevel Tower, Compared Tower, Clevel Tower, Compared Tower, Clevel Tower, Compared To	Cincinnati1097 mbus 397 mbus 940 Green 940 co, III 1382 (Rapp & 296 lon 1284 h 568 d 141 l, Smith & 433 554 1393 d 1176 a. M., Cin- 727 Center Rd., 1031 e 1236 Brown Hall, Brown Hall, Good 1002 everand 839 n 1106 coledo 412 r & Weeks)
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Oborn, Cho'Brien, I & O'Brien, K o'I Ckert, F Clevel Ohler, En Older, Geolsen, Lei Oman, Ga Colum Oram, Fr Co.), Orr, Ralp O'Shea, M Bellm Outcalt, I Outcalt, A Owsley, C Page, Geopaine, W Palmer, C burg, Panzer, F Pardonne Parker, F Parrish, Parsson, Partridge cinna	tarles W., 244 Win Harry J., 912 Union Harry J., 912 Union Harry J., 912 Union Harry J., 1836 Eucland L., 1836 E., 1937 N. Habus L., 1850 Lead Cleveland L., 265 Oakland Lichael B., 518 Jeff L., 265 Oakland Lichael B., 518 Jeff L., 265 Oakland Lichael B., 518 Jeff L., 266 Eucland L., 266 Eucland L., 266 Euclard L., 266 Euclard L., 267 Euclard L., 267 Euclard L., 268 Euclard L.	dsor St., Marion 1 Sav. & Trust Bloid Ave., (Ockert Ave., Dayton 1 St., (Pettit at Ave., Columber Champion St., (Union Park Ave., Columber Shaker Square, Clid Ave., Cleveland Champion St., You P dseer Rd., Cleveland Champion Trust Bldg Withorne Ave., Cintrown St., Dayton 1 St., Sandusky Bldg., Dayton 5 Clifton Blvd., I in St., (Hunt & Auton 1 Sav., (Hunt & Auton 1 Sav.	840	Rainey, T. Mar Ramsey, Edwar Raney, John K Rapp, Mason G Rapp, Walter Meacham), Rauber, Harold Rayburn, Thon Redding, Lester Reeb, J. Elmer Reeb), Cler Reed, Edward Reed, James A Reed, J. Richar Reep, Howard Rees, Daniel I cinnati ————————————————————————————————————	shall, 606 2nd Nrd A., 117 E. Wrd A., 117 E. Wrd A., 117 E. Wrd A., 230 Sand Ridg., 230 N. Michig L., 1100 Time Cincinnati — R., 1006 8th S. R. 13 Park Ave., 1508 Termina veland — G., 632 Main S., 435 Red Hawrd, 16112 Euclid C, 1275 Center M., R. R. No. 10 A., Cedar Hill F. S., 224 N. Fifth ry F., Ohio States, 1500 W. Adams es H., 1293 Charles H., 1293 Charles E., 15 S. St. 6 Gree B., 517 F. Fink E., 1240 Hur W., 75 Public ence E., 400 S. F. N., 518 Jeffersordhoff), Toledolam J., 167 E. Sunbus	atl. Bank Bldg., Veber Rd., Colurge Rd., Bowling an Ave., Chicages Star Tower, t., N. E., Massil Vine St., Mariou West, Mansfield Tower, (Smallet, Milford Rd., Dayton Ave., Cleveland St., Ashland to, Box 251, St., Steubenvillet University, Est., Chicago, Il ase Ave., Lakewagomar Ave., Clair St., Dayto ardner Bldg., Toon Rd., (Walke Square, Clevel Tont St., (American Ave., (Mills, Restate St., (Benh.)	Cincinnati1097 mbus 397 mbus 940 Green 940 go, III 1382 (Rapp & 296 lon 1284 h 568 d 141 l, Smith & 433 d 1176 a. M., Cin- 27 Center Rd., 2136 srown Hall, 550 l. 1168 ood 1002 everand 839 m 1106 r & Weeks) 27 and 472 c. Ed. Press) 21 chines, Bell- 295 am & Rich- 297
Oborn, Cho'Brien, I & O'Brien, I & O'Brien, I ochert, I ochert, I ochert, I on on oram, I oram, I oram, I oram, I oram, I oram, I ovista, I ovista	darles W., 244 Win Harry J., 912 Union Brien), Warren aul J., 1836 Eucl land auren J., 12 Kurtz J., 912 Kurtz J., 912 Kurtz J., 914 Kurtz J., 915 Kurtz J., 916 Kurtz J., 916 Kurtz J., 917 Kurtz J., 918	dsor St., Marion Sav. & Trust Ble id Ave., (Ockert Ave., Dayton Akland Ave., Colunt, Chicago, Ill. igh St., (Pettit at ler Bldg., (Union Park Ave., Columberson Ave., (Miloledo Ill.) Champion St., Columburshaker Square, Clid Ave., Cleveland Champion St., You P dseer Rd., Cleveland Champion Trust Bldg. wthorne Ave., Cintrown St., Davton Trust Bldg. Wthorne Ave., Cintrown St., Sandusky Bldg., Dayton St., (Hunt & All of Trade Bldg.,	840	Rainey, T. Markamsey, Edward Raney, John K Rapp, Mason G Rapp, Walter Meacham), Rauber, Harold Rayburn, Thom Redding, Lester Reeb, J. Elmer Reeb), Cler Reed, Edward Reed, James A Reed, James A Reed, J. Richard Rees, Daniel Cinnati ——Reese, James Gates Mill Reeves, G. Otis Reichard, Harra Columbus Reily, Solon L. Reimers, Charl Rennison, Form Reuther, Henry Rheinfrank, Garlinehart, Fra Cleveland Rhoads, Emery Richards, Clara Columbus Richards, John man & No Richards, Will ards), Col Riddle, Willbur Cleveland	shall, 606 2nd Nrd A., 117 E. W , 320 Sand Ridg. , 320 S. Michig L., 230 N. Michig L., 1100 Time Cincinnati R., 1006 8th S ras W., 493 S. r. 13 Park Ave., , 1508 Termina veland G., 632 Main S , 435 Red Haw rd, 16112 Euclid C, 1275 Center M., R. R. No. 1 A., Cedar Hill F S, 224 N. Fifth ry F., Ohio Stat y E., 15 S. St. 6 corge B., 517 F nk E., 1240 Hur T W., 75 Public ence E., 400 S. F N., 518 Jefferso rdhoff), Toledo	atl. Bank Bldg., Jeber Rd., Columinge Rd., Bowling an Ave., Chicages Star Tower, t., N. E., Massil Vine St., Marion West, Mansfield Tower, (Smalt., Milford Rd., Dayton Ave., Clevelan St., Ashland 10, Box 251, St. Farm, S. O. M., St., Steubenvill te University, E. St., Chicago, Il use Ave., Clair St., Dayto ardner Bldg., Ton Rd., (Walker Square, Clevel Tront St., (Amer Ave., (Mills, Restate St., (Benh Engr. Dept., (Control of the Control o	Cincinnati1097 mbus 397 mbus 940 Green 940 GO, III 1382 (Rapp & 296 lon 1284 lon 568 dd 141 ll, Smith & 433 d 1176 592 a. M., Cin- 2 Center Rd., 1236 Brown Hall, 550 lon 1002 eveľand 839 lon 1106 coledo 412 r & Weeks) 1271 and 472 c. Ed. Press) 1016 linines, Bell- sam & Rich- gen! Elec.), 544

schwitzer, Jone J., 915 Belleview Bird, Steubenville. 416 Rigumont, Victor A., 5471 Coral St. Pittstarph, Pa. 526 Ritter, Ph. 1971 Control St. 1971 Control S	Name Address City Cert. No.	Name Address City Cert. No.
Kosenber B., 1474 Westdale Rd., So. Euclid. 1246 Kosenberg, Hymen, 606-7-8 Berger Bidge, Pittsburgh, Pa.1388 Kosenberg, Hymen, 606-7-8 Berger Bidge, Pittsburgh, Pa.1388 Kosenberg, Hymen, 606-7-8 Berger Bidge, Pittsburgh, Pa.1388 Kosenberg, Hymen, 606-7-8 Berger Bidge, Dept., Columbus. 353 Kossett, Louis, 1000 Marquette Bidg., Detroit, Mich. 1384 Robstell, Louis, 1000 Marquette Bidg., Detroit, Mich. 1384 Rousseau, Marius C., 523 Bulkey Bidg., Cleveland. 660 Rotman, Louis J., 20206 Chickesaw, Euclid 180 Rousseau, Marius C., 523 Bulkey Bidg., Cleveland. 664 Roviar, Leo S., 143 Piedmont Rd., Columbus. 1355 Rowe, Robert R., 2375 Oxford Rd., Columbus. 1355 Rowe, Robert R., 2375 Oxford Rd., Columbus. 1298 Rowley, Chas. B., 2008 Keith Bidg., Cleveland. 206 Russell, Laurence N., 319-320 Myers Bidg., Ashland. 570 Rush, Robert D., Ohlo State University, Brown Hall, Columbus. 1298 Rush, William J., 2330 Wiscasser Dr., Dearborn, Mich. 200 Russell, Laurence N., 319-320 Myers Bidg., Ashland. 570 Ruth, Paul C., 400 N. W. 36th, Oklahoma City, Okla. 625 Saarinen, Era, Cranbrook, Bloomfield Hills, Mich. 1337 Sagadencky, Trefon, 830 Grant Ave., Cuyahosa, Falls. 823 Sannels, John H., 1456 Ford Ave., Youngstown. 364 Santord, A. Carol, 123 32nd St., N. E., Canton. 934 Schade, G., Donald, 215 Trumbull Sava. & Loan Bidg. 314 Schaeffer, Waller C., 2205 Ridgway Rd., Dayton. 346 Schaller, Robinson & Schafer), Cleveland. 357 Schaller, Robinson & Schafer), Cleveland. 357 Schaller, Robinson & Schafer, Cleveland. 357 Schaller, Ashland St., Chicanati. 1040 Schmidt, John G., 325 Spencer Ave., Norwood. 1614 Williams, P. 200 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St., Burdalo, N. Y., 781 Schultz, J. C., 1370 Mah St.	Rietz, John J., 915 Belleview Blvd., Steubenville	Name Address City Cert. No. Schweickart, Lowell G., 2108 Lafayette, Columbus, Ind 644 Schweitzer, John, 638 Allen Ave., Chillicothe
Nussell, Laurence N., 319-320 Myers Bldg., Ashland. 870 Ruth, Paul C., 400 N. W. 36th, Oklahoma City, Okla. 625 Saarinen, Era, Cranbrook, Bloomfield Hills, Mich. 1339 Saardeney, Trefon, 830 Grant Ave., Cuyahoga Falls. 822 Samuels, John H., 1450 Ford Ave., Youngstown. 364 Samtord, A. Carol, 123 S2nd St., N. E., Canton. 944 Santord, A. Carol, 123 S2nd St., N. E., Canton. 944 Schafer, Gilbert P., 915 Nat. City Bank Bldg., (Garfield, Harris, Robinson & Schafer), Clevlenad. 732 Schaled, G. Noris W., 524 Tod Lane, (W. H. Shaffer, Assoc.), Youngstown. 150 Schenck, Harry I., 1406 Third Natl. Bldg., (Sehenek & Williams), Dayton Schienkey, Edward A., 511 Cuttriss Place, Park Ridge, Ill.288 Schildknecht, R. B., 312 Sphullan St., Cincinnati. 1046 Schiming, George F., 510 Guardian Bldg., Cleveland. 835 Schmidt, John G., 3929 Spencer Ave., Norwood. 514 Schmidt, John G., 3929 Spencer Ave., Norwood	Chicago, III	Shepherd, Thomas E., 1345 Hillcrest Ave., Cincinnati 848 Sherman, Philip T., 2700 W. Chicago Ave., Detroit, Mich. 478 Shilling, William K., P. O. Box 172, Pt. Pleasant
Saarinen, Era, Cranbrook, Bloomfield Hills, Mich. 1337 Saarinen, Eliel, Cranbrook, Bloomfield Hills, Mich. 1307 Sagadencky, Trefon, 830 Grant Ave., Cuyahoga Falls. \$32 Samuels, John H., 1450 Ford Ave., Youngstown. \$48 Santord, A. Carol, 123 32nd St., N. E., Canton. \$48 Santord, A. Carol, 123 32nd St., N. E., Canton. \$48 Schade, G. Donald, 215 Trumbull Sav. & Loan Bldg., Warren Schafer, Walter G., 3205 Ridgway Rd., Dayton. \$14 Schaeffer, Walter G., 3205 Ridgway Rd., Dayton. \$15 Scheibel, Morris W., 524 Tod Lane, (W. H. Shaffer, Assoc.), Youngstown. \$24 Tod Lane, (W. H. Shaffer, Assoc.), Youngstown. \$16 Scheibert, P., 915 Nat. City Bank Bldg., (Garfield, Harris, Robinson & Schafer), Clevlenad. \$15 Scheibel, Harry I., 1406 Third Natl. Bldg., (Schenck & Williams), Dayton. \$16 Scheibert, Carl A., 800 Marquette Bldg., Detroit, Mich. \$93 Schildknecht, R. B., 34 E. McMillan St., Cincinnati. 1040 Schilming, George F., 510 Guardian Bldg., Cleveland. \$27 Schilling, Carl R., 8224 Kennedy Ave., Cincinnati. 1040 Schnuelling, Carl R., 8224 Kennedy Ave., Cincinnati. 1040 Schonur, Alfred A., Jr., 527 50th St., Sandusky. 1074 Schoole, Adolph Paul, 13124 Shaker Square, (Draz & Scholl, Adolph Paul, 13124 Shaker Square, (Draz & Scholl, Adolph Paul, 13124 Shaker Square, (Draz & Scholl, Roboley, John P., 257 E. Broad St., Columbus. \$27 Scholla, Malon P., 257 E. Broad St., Columbus. \$27 Schultz, Jr., 1731 Nicholas Bldg., (W. D. Holtzman, Jr.), Toledo. \$27 Schultz, Jr., Toledo. \$27 Schultz, Jr., Main St., Buffalo, N. Y. 781 Schultz, Jr., 173 Main St., Buffalo, N. Y. 781 Schultz, Jr., 1731 Nicholas Bldg., Cincinnati. 1045 Smith, Blasson R., 261 Indian Bldg., (Schenck & Rith, Gerge C., 1508 Terminal Tower, (Small, 451 Smith, Elasso	Rush, William J., 3330 Wiscasser Dr., Dearborn, Mich1200 Russell, Laurence N., 319-320 Myers Bldg., Ashland 870 Ruth, Paul C., 400 N. W. 36th, Oklahoma City, Okla 625	Sims, Ray, 145 N. High St., (Harsh, Ramsey & Sims), Columbus
Saarlien, Era, Crandrook, Bloomfield Hills, Mich. 1339 Saarlien, Ellei, Cranbrook, Bloomfield Hills, Mich. 1307 Samuels, John H., 1450 Ford Ave., Youngstown. 364 Santord, A. Carol, 123 32nd St., N. E., Canton. 984 Schafer, G. Donald, 215 Trumbull Sav. & Loan Bldg., Schafer, Glorel P., 915 Nat. City Bank Bldg., Garfield, Harris, Robinson & Schafer), Clevlenad. 732 Schehel, Morris W., 524 Tod Lane, (W. H. Shaffer, Assoc.), Youngstown. 150 Schenek, Harry I., 1406 Third Natl. Bldg., (Schenek & Williams), Dayton 150 Scheuffler, Carl A., 800 Marquette Bldg., Detroit, Mich. 983 Schiews, Edward A., 511 Cuttriss Place, Park Ridge, Ill.1288 Schildknecht, R. B., 34 E. McMillan St., Cincinnati. 1040 Schildknecht, R. B., 34 E. McMillan St., Cincinnati. 1040 Schmuelling, Carl R., 824 Kennedy Ave., Cincinnati. 1040 Schouler, Howard, J., 1721 Nicholas Bldg., (W. D. Holtz-Scholl), Cleveland 1316 Scholl, Adolph Paul, 13124 Shaker Square, (Draz & Scholl), Cleveland 578 Scholla, Adolph Paul, 13124 Shaker Square, (Draz & Schildkner, Howard, J., 1721 Nicholas Bldg., (W. D. Holtz-Schuler, Howard, J., 1721 Nicholas Bldg., (W. D. Holtz-Man, J.), Toledo 525 Schultz, J. C., 1370 Main St., Bluffalo, N., Y., 781 Schulzinger, Maurice, 820 Temple Bar Bldg., Cincinnati. 1045 Schulzinger,		Small, Philip L., 1508 Terminal Tower, (Small, Smith &
Schulzinger, Maurice, 820 Temple Bar Bldg., Cincinnati_1045 Cleveland235	Saarinen, Eliel, Cranbrook, Bloomfield Hills, Mich	Smith, Alva C., 39 Turner Bldg., (Silsbee & Smith), Elyria 451 Smith, Ellasson R., 26 Indianola Ave., Dayton
P M M M M D IN D A II V IN D M T C IN T C	Schulzinger, Maurice, 820 Temple Bar Bldg., Cincinnati_1045	

	onlo for the year ending Nov. 30, 1342
Name Address City Cert. No.	Name Address City Cert. No.
Steffens, John F., 1114 Fidelity Bldg., (Steffens & Fox),	Tilley, George L., 429 Curtis Bldg., (Austin Co.), Detroit,
Cleveland	Michigan 1253
Stegmiller, George J., 2660 Berwyn Rd., Upper Arlington, Columbus1242	Todd, H. Allan, 511 College St., E. Liverpool1008 Tolford, Wayne E., Professional Bldg., (Tolford & Lange)
Stegner, Clifford M., City Hall, (Com. of Bldgs.), Cin-	Toledo 950
cinnati 220	Tompert, Walter W., 214 Cambridge Ave., Dayton 442
Steinkamp, Bernard F., 414 Walnut St., Cincinnati 223	Tremaine, William H., %Court House, Columbus 153 Troxel, Lynn, 201 Laird Bldg., Tiffin 476
Steinkamp, Jos. G., 414 Walnut St., Cincinnati 222 Steinle, William J., 350 Kenilworth Ave., Dayton 824	Tuck, James Allen, 9031 Whitney Ave., Elmhurst, L. I.,
Stevens, Dwight Elton, Okla, A. & M. College, (Arch.	New York 630
Dept.), Stillwater, Oklahoma822 Stewart, Budd A., 135 W. Wooster St., Bowling Green415	Tully, Richard L., 119 W. Chestnut St., (Denison Engr.) Columbus1312
Stewart, James R., 3631 Pape Ave., Cincinnati 291	Tully, Thomas J., 402 Mt. Vernon Ave., Columbus 752
Stickle, George W., 228 Commerce Bldg., Erie, Pa1262	Twitchell, Stanley D., 3443 DeSota Ave., Cleveland Hts 480
Stine, Sidney L., 15 Old Federal Bldg., (FHA), Toledo 682 Stith, Jos. E., 2013 Cleneay Ave., Norwood 729	Tyler, Edgar D., 35 E. Seventh St., (Potter, Tyler & Martin), Cincinnati
Stitt. Edwin M., 1722 Keith Bldg., (U. S. Coast Guard),	Tynan, Albert F., 1710 Goodale Blvd., Grandview Hts.,
Cleveland 778	Columbus1245
Stock, Joseph J., 3800 Terminal Tower, Cleveland 941 Stockdale, Reed F., University of Cincinnati, Cincinnati_ 885	U
Stone, Oliver M., Case School of Applied Science, Cleve-	1999
land1126 Stophlet, Mark B., 2612 Maplewood Ave., Toledo 252	Upham, Veredon W., 939 Ravine Dr., Cleveland Hts1206 VanArsdall, Harold P., 1024 Dixie Terminal Bldg., (Han-
Stophlet, Robert T., 2221 Broadway, Paducah, Ky 435	naford), Cincinnati169
Stoutenburg, A. W., 101 Norwood Ave., Norwalk1073	
Stowe, William A., 814 Bell St., Montgomery, Ala1194 Strauss, Alvin M., 415 Cal-Wayne Bldg., Ft. Wayne, Ind 961	
Strauss, Carl A., 709 Times Star Bldg., Cincinnati1327	Vance, Edward J., Rt. No. 5, S. Bellingham, Washington 613
Strindberg, Erik, Natl. Bank Bldg., Portsmouth 698	Vaughn. Edward L., 5227 Akron St., Philadelphia, Pa 708 Vetter, Harry G., 3606 Broadview Rd., S. W., Cleveland 518
Stritzel, Fred W., 328 E. Town St., (F. & Y. Construction) Columbus1247	Vogel, Willis A., 1820 Glenwood Ave., Toledo587
Strong, Charles R., 3701 Carew Tower, (Kruckemeyer &	Voinovich, George S., 17018 Endora Rd., Cleveland1157
Strong), Cincinnati300	W
Strong, Lyman T., 218 W. Market St., (P. M. Hulsken Assoc.), Lima 227	
Sturges, Walter K., Commander Hotel, Cambridge, Mass.1277	Wachter, Horace W., 362 Winthrop St., Toledo 160
Stryker, Paul V., 6 E. 4th St., Cincinnati1098 Sullivan, Clyde W., 3717 Eastern Ave., (Assoc-Grunke-	Wade, Robert V., 2468 Kingston Rd., Cleveland Hts 575 Wagner, Edwin D., 1034 Tower Bldg., (Good & Wagner),
meyer), Cincinnati 396	Akron 279
Sullivan, John, Jr., 240 Oliver Rd., Wyoming1164	Walker, Frank R., 1240 Huron Rd., (Walker & Weeks), Cleveland232
Summersett, Harold C., 1838 E. 90th St., Cleveland 621	Walker, George R., 1301 American Bldg., (Walker, Nor-
Suppes, John F., 1004 First Central Tower Bldg., Akron 350 Surmann, John F., 1204 Everett Dr., Dayton1039	Walker, George R., 1301 American Bldg., (Walker, Nor- wick & Templin), Dayton 898
Suppes, John F., 1004 First Central Tower Bldg., Akron 350 Surmann, John F., 1204 Everett Dr., Dayton1039 Sutter, Frank L., 433 Louis Bldg., Dayton414	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton898 Walsh, George P., 2141 Riverside Dr., (Austin A. G.
Suppes, John F., 1004 First Central Tower Bldg., Akron 350 Surmann, John F., 1204 Everett Dr., Dayton1039 Sutter, Frank L., 433 Louis Bldg., Dayton414 Swan, George D., Old Bedford Rd., Greenwich, Conn1370	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton 898 Walsh, George P., 2141 Riverside Dr., (Austin A. G. Damon), Lakewood 491 Walsh, Travis G., 229 Central Ave., Dayton 373
Suppes, John F., 1004 First Central Tower Bldg., Akron 350 Surmann, John F., 1204 Everett Dr., Dayton1039 Sutter, Frank L., 433 Louis Bldg., Dayton414	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton 898 Walsh, George P., 2141 Riverside Dr., (Austin A. G. Damon), Lakewood 491 Walsh, Travis G., 229 Central Ave., Dayton 373 Walters, Albert V., 7 W. Charlton St., Cincinnati 947
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Suppes, John F., 1004 First Central Tower Bldg., Akron 350 Surmann, John F., 1204 Everett Dr., Dayton 1039 Sutter, Frank L., 433 Louis Bldg., Dayton 414 Swan, George D., Old Bedford Rd., Greenwich, Conn 1370 Swift, Francis R., 1206 Viand St., Pt. Pleasant, W. Va. 1239 T Tashjian, Armen H., "Union Metal Mfg. Co., Canton 506 Taylor, Richard C., 3915 Plainville Rd., (Taylor & Porter) Norwood 507 Taylor, R. Bronson, 565 Erie St., (City of Toledo), Toledo 828 Taylor, Walter A., Slocum Hall, Syracuse University, Syracuse, N. Y. 1231 Taylor, William R., 627 Union Trust Bldg., Cleveland 301 Teach, Max K., 850 West Fifth Ave., (Cols. Show Case Co.), Columbus 745 Teare, George W., 1836 Euclid Ave., (Ockert & Teare), Cleveland 528 Teare, Wallace G., Clev. Met. Hous. Authority, W. Mall Dr., Cleveland 674 Templin, Howard M., 1301 American Bldg., (Walker, Norwich & Templin), Dayton 1004 Thal, Nelson E., 320 Ontario St., (Jokel, Coy & Thal), Toledo 1051 Thayer, Harding H., Greer Bldg., (N. Mercer St.,), New Castle, Pa. 664 Thies, Walter J., 316-17 Mutual Home Bldg., Dayton 457 Thoma, Caral A., 810 Caldwell St., Piqua 639 Thomas, Charles G., 23600 East Groveland Rd., So. Euclid 392 Thomas, James Wm., Streetsboro Rd., Hudson 467 Thompson, William B., 500 S. Main St., (B. F. Goodrich Co.), Akron 1103 Thormin, Anthony, 672 S. LaFayette Park Pl., Los Angeles, California 627	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton
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Suppes, John F., 1204 Everett Dr., Dayton	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton 898 Walsh, George P., 2141 Riverside Dr., (Austin A. G. Damon), Lakewood 491 Walsh, Travis G., 229 Central Ave., Dayton 373 Walters, Albert V., 7 W. Charlton St., Cincinnati 572 Walters, George C., 1110 Hanna Blg., Cleveland 552 Walters, Marcus D., 3831 Kansas Ave., S. E., Charleston, W. Va. 1274 Wandelmaier, Gustav W., 761 Williams Place, Cliffside, New Jersey 1397 Ward, David M., 8863 Broadway, Cleveland 1995 Ward, William G., 317 Mutual Home Bldg., Dayton 1933 Ward, William G., 317 Mutual Home Bldg., Dayton 1933 Ward, William B., 34 W. Sixth St., (Tietig & Lee), Cincinnati 279 Warner, Franz C., 419 Buklek Bldg., Cleveland 281 Warwick, Spencer J., 101 Shenango St., Greenville, Pa. 624 Weber, Fred C., 762 Mt. Hope Ave., Cincinnati 1992 Weber, Stewart K., 18 Chalfonte Court, Ft. Thomas, Ky. 765 Wefel, Walther J., 3327 Yorkshire Rd., Cleveland Hts. 651 Wehrell, John F., 8 Indiana Ave., Youngstown 849 Weich, Peter J., Amer. Rolling Mill Co., (Bldg. Sections Dept.), Middletown 1087 Weiny, Daniel W., 1259 Eastwood Ave., Columbus 538 Weis, Frank J., 45 Burns Ave., Dayton 179 Weiskopf, Lawrence J., 6907 Crandon Ave., Chicago, Ill. 386 Weit, Roy W., Div. of Bldgs., City of Cleveland, Cleveland1053 Welker, John K., 121 Searing Ave., Mineola, N. Y. 1010 Welker, Lehr E., 31 N. Summit St., Akron 852 Wells, William W., 208½ N. Collett, Lima 1311 Weltv, Wilbert N., 505 Nordale Ave., Dayton 1349 Werking, Paul R., 2000 East Main St., Richmond, Ind. 1336 Werner, Melvin T., 45 Fifth Ave., Berea 1279 Wertz, Wm. Charles. 2218 Victoria Ave., Dayton 1373 Wheeler, John R., 2691 E. 116th St., Cleveland 1227 Wheelock, H. Vernon, 1301 Citizens Bldg., Cleveland 1065
Suppes, John F., 1204 Everett Dr., Dayton	Walker, George R., 1301 American Bldg., (Walker, Norwick & Templin), Dayton Walsh, George P., 2141 Riverside Dr., (Austin A. G. Damon), Lakewood Walsh, Travis G., 229 Central Ave., Dayton

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A.I.A. BULLETINS

It is good news to know that the special news letter or bulletin that has heretofore had a rather limited distribution is now to be sent to all who receive *The Octagon*. This is a step in the right direction and those who receive these special up-to-the-minute bulletins should take some time out to tell Fisher that you have received same and what you do or do not like about them.

THOMAS LARRICK, Architect No. 1254, formerly Professor Larrick of Ohio University of Athens is now First Lieut., Corps of Engineers, Office of Post Engineer, Ft. Knox, Ky.

HENRY A. BETTMAN, Architect No. 1278, requests that his mail be sent to Lieut. Henry A. Bettman, U.S.N.R., Ordnance Planning Bldg. 47-A, Mare Island Navy Yard, Vallejo, Calif.

RICHARD Z. DAWSON, Architect No. 755 of Columbus, while not able to get very far from home keeps his shingle out even in these trying times to do whatever professional work comes his way.

FRANK MASON, Architect No. 967. Last time saw him at Martin's in Sandusky during convention. Now he says he went to Huntington for a month, then to Boston and then on to Hotel Tutwiler, Birmingham, Ala., inspecting and expediting other materials. This traveling around by F. M. and thousands of others under similar conditions, no doubt, indicates one of the reasons for the overcrowding of our railroad passenger facilities.

MAJOR HUGH M. BROOKS, Architect No. 471, Bldg. No. 249, Ft. Hamilton, N. Y. Keeping up what he said was a habit Major Brooks says he still wants to be a legal architect in the Buckeye State. He says he is living in camp again and trying to renew his youth and make himself believe he likes it. He succeeds sometimes, almost, and could enjoy life perhaps a little better if the work week was not seventy hours long. He wonders as to how some of his past associates and friends would stand up under 4,200 minutes per week.

The profession in Ohio is about the same as elsewhere with a few architects prospering, a few on salaries, a few in the Army and Navy, most of them prospering, and a lot more on the home front trying with little or no actual architectural work to do to help win the war now and the peace that must certainly come.

So far the Editor is still a Captain in the Coast Artilley Reserve, Inactive. That's not bragging, but just information.

DONALD A. MACCORNACK, Architect No. 1155, who is now at 2039 New Hampshire Ave. N.W., Apartment 105, Washington, D. C., postscripts his resignation as President of the Cleveland Section as follows:

R.C.K.: I am down here doing war research. It isn't architecture, but I think it's very worth while, and I find it most interesting. At least, they were looking for an architect when they set out to fill the position I have. Also,

there are a number of scientists and statisticians in Washington who have finally found out what an architect is supposed to do for his clients and the world in general. Good luck, and I'd be most happy for a word from you some time.

He hopes to not be gone too long and expects to get back into the harness upon his return to private practice.

WILLIAM A. STOWE, Architect No. 1194, is no longer way down south in Alabam', but is up in Detroit on some defense work to help finish this war as much as he can.

Stanley Matthews

(Continued from page 13) masses, and was an active force in the Better Housing League of Cincinnati.

Illness in 1937 forced his retirement from active professional practice, but he continued his interest in the Cooperative Movement and in the Episcopal Church. He served as delegate to several General Conventions of the church, and was a member of the Bishop and Chapter of the Diocese of Southern Ohio.

He was untiring in his efforts to further the profession of architecture, and his outstanding qualities of thoroughness, unselfishness and vision all contributed to the warm friendship and esteem in which he was held by his professional associates.

By C. F. C.



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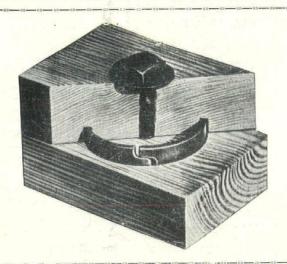
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